# ARCADIA 85

## ILLUSTRATED

# AUCTION CATALOGUE

EUROPE'S FIRST MAJOR EXHIBITION & AUCTION OF

## ANTIQUE SLOT MACHINES, PINBALLS, JUKEBOXES, MECHANICAL MUSIC

AND ASSOCIATED ITEMS

TO BE HELD AT:
PARK HALL EXHIBITION CENTRE
CHARNOCK RICHARD
Nr. CHORLEY
LANCASHIRE
ENGLAND.

## SATURDAY 5th OCTOBER 1985

AUCTION COMMENCES 3.00 p.m.

VIEWING FRIDAY 4th 2.00 p.m. — 9.00 p.m.
SATURDAY 5th 10.00 a.m. — 2.30 p.m.

INCORPORATING A CONCISE HISTORY AND MUSEUM GUIDE BY JON GRESHAM

# CONDITIONS OF SALE.

## CONCERNING THE BUYER.

1. **THE BUYER.** The highest bidder to be the buyer; and if during the Auction the Auctioneer considers that a dispute has arisen, the lot so in dispute shall be put up again for sale. The Auctioneer has the right to refuse any bid and to advance the bidding at his/her absolute discretion.

2. **RESPONIBILITY FOR PURCHASES.** Any representation or statement by **ARCADIA 85** (Sale) in the catalogue as to the origin, manufacturer, genuineness, date, age, rarity, condition or estimated selling price is a statement of opinion only. Every person interested should excercise and rely on his/her own judgement as to such matters and **ARCADIA 85** is not responsible for the correctness of such opinions. Buyers should satisfy themselves as to any faults or defects in any lot by inspection or otherwise.

3. **BUYER'S PREMIUM.** The premium to be paid by the buyer shall be 5% of the hammer price.

4. **COLLECTION OF GOODS.** Lots paid for by cash may be removed at the end of the sale. Lots paid for by cheque can be collected, after the cheque has been cleared, from **ARCADIA 85**'s Manchester Warehouse not earlier than 10 days after the sale.

5. **STORAGE.** Storage is free for two weeks only. After this time a storage charge of 1% of the hammer price per week will be charged.

6. **POSTAL BIDS.** Postal bids can be accepted on the form given in the catalogue.

## CONCERNING THE SELLER.

7. **ENTERING ITEMS FOR THE SALE.** a) To allow items to be properly photographed and accurately described in the Auction Catalogue, it is necessary for items to be received not later than 1st August 1985. Items will be safely stored and insured by **ARCADIA 85.** There is no deposit for such items, and the sellers premium for goods delivered by this date shall be charged at the reduced rate of 10% of the hammer price.

   b) Alternatively, sellers entering items for the sale and catalogue may, not later than 1st August 1985, submit a photograph of the item together with a reserve (see below). There shall be a non-refundable deposit forfeited if the item is withdrawn from the Auction by the seller. This deposit shall be 15% of the market price or £15, whichever is the greater. The sellers premium will be 10% of the hammer price, and the deposit offset against this.

   c) After the 1st August 1985, and up to the time of the sale, items may be accepted for sale at the discretion of **ARCADIA 85** and if time permits. The seller's premium shall be at the full rate of 15% of the hammer price for these items.

   Once items have been entered for the Auction, should they then be withdrawn from the sale by the seller, they will then be subject to the payment of a cancellation fee of 15% of the current market price at the discretion of the **ARCADIA 85** Auction sub-committee.

8. **RESERVES.** The seller may place a reserve on any lot prior to the auction, being the minimum hammer price at which that item may be treated as sold. The auctioneer may bid on behalf of the seller up to a reserve.

9. **UNSOLD LOTS.** If a reserve has been agreed and an item fails to reach the reserve price, the seller shall pay to **ARCADIA 85,** 5% of the reserve price.

10. **PAYMENT TO THE SELLER.** To allow time for all cheques to be cleared, payment will be made within twenty-one days of the sale.

11. **LOTS NOT PAID FOR.** **ARCADIA 85** will make great endeavours to ensure that the buyer pays for the items bid for. Should this money not be obtainable the items will be returned to the seller and no charge made.

12. **EXPENSES.** No expenses directly or indirectly incurred by the seller for lots sold or unsold can be met by **ARCADIA 85.**

13. **INSURANCE.** Once a delivery receipt is given by **ARCADIA 85** for items taken into the auction, they are insured for their estimated current value at auction by **ARCADIA 85.** The cost of this insurance is covered by the sellers premium.

# INTRODUCTION

Coin-operated amusement machines have always been made to attract the public to play them. Their design should therefore be one that had popular appeal at the time it was made and offer value for the coin inserted.

It is thus not surprising that for many years some members of the public have chosen to use old amusement machines as decorative and fun objects in their homes. They were once obtainable at ludicrously low prices and even with the increase in their value over recent years they are still inexpensive compared with paintings, sculptures and other objets d'art.

In addition to those who aspire to have the occasional odd machine in their home has grown an increasing number of serious collectors. Their main interest may centre on a love of things mechanical, the satisfaction to be derived from restoring a damaged and neglected machine to its former glory or an interest in the history of the various manufacturers, so poorly documented, and the innovations they created.

They have certain characteristics shared by all collectors, no matter what it is they are collecting: an interest in the collections of others, always comparing them with their own, a burning desire to acquire certain pieces that have so far eluded them, the thrill of the hunt and the feeling of triumph and elation when something highly desirable is eventually secured.

Like so many things, this hobby first became popular in the United States. As the manufacturing giants were American and the first fruit machine an American invention they are thus regarded as part of America's national heritage. The collecting and research in America tends to concentrate on gambling machines, the non-gambling machines they term arcade machines being relatively neglected. Their research ignores and overlooks the fact that Europe was the cradle of the industry, at one time far more advanced than America, and that many innovations claimed as American had been known in Europe much earlier.

The serious collection and study of amusement machines in Britain is comparatively young, the first exhibition being held in Sheffield in December 1974, the first large sale - by Sotherby's - on 9th April 1975.

Ten years later Arcadia 85 is the largest exhibition of veteran amusement machines ever assembled in Europe and is giving the leading British collectors a chance to display their treasures, see those of others assembled in one place and welcome the general public to share their delight and pleasure in these examples of mechanical entertainment.

Everyone attending on the Saturday will also have the opportunity of buying one in what is anticipated will be the largest auction of these devices ever to be held in Europe.

Few people realise the tremendous number of different amusement machines that have been manufactured. In the United States alone in the eight years 1932 to 1939 over 2,000 different models appeared. A comprehensive history would thus run to many volumes which would need a syndicate of experts to write.

The present writer has tried to assemble a representative collection, now open to the public as Penny Arcadia in Pocklington near York, and the catalogue of this exhibition is reproduced in the centre pages of this publication as it briefly encapsulates most of the essential dates and history of amusement machines.

Further information is always obtainable from members of the Penny Slot Preservation Society affiliated to the Pinball Owners Association.

**Jon Gresham**

Notes

## NOTES.

**BIDDERS** are asked to register with the Auctioneer's Clerk by 2.30pm on the day of the sale.

**BUYER'S PREMIUM** - remember that you will have to pay 5% more than the hammer price.

**DIMENSIONS** are approximate and are given in inches (overall) in the following order: height x width x depth.

***HISTORICAL NOTES*** *are in italics.*

**LOT NO: 1.** MEL-FRUIT fruit machine 26x18x13, 1d coin. German origin, distributed by Melroy Automatics Ltd, London. Cash box and locks missing, otherwise in good order.

**LOT NO: 2.** ROYAL ROULETT wall mounted gambling machine 26x18x9, 3d coin. German made machine with vertical roulette wheel which spins on pressing the button.

**LOT NO: 3.** PENNY TUMBLE wall machine 28x21x8, 1d coin. A penny may be entered by various slots at the top, one wins if in falling down the playfield it tumbles other coins into the win compartment.

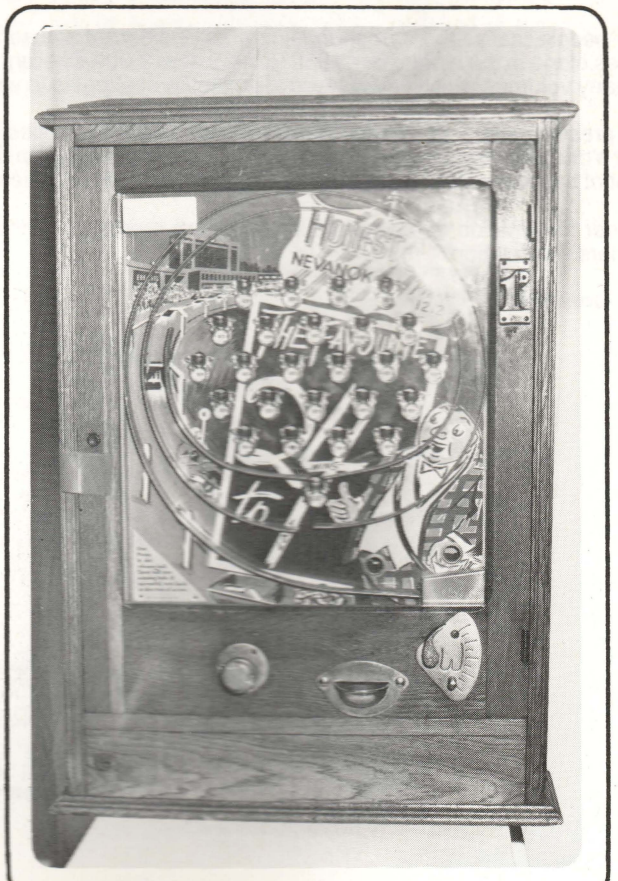
**LOT NO: 4.** ALLWIN DE LUXE wall machine 26x19x8, 1d coin.

*The Allwin is most popular wall machine ever made. Originated by Jentzsch and Meerz of Leipzig in 1913 it was such a success that it was made by literally dozens of makers in many countries. Although there are slight variations in construction and considerable aesthetic variations the basic game remained the same, and it is a good one.*

**LOT NO: 5.** WIN-A-CHEW wall machine 32x18x7, 1d coin. Allwin variation from 1950's made by Oliver Whales.

**LOT NO: 6.** HONEST JOE wall machine 36x24x7, 1d coin. 24 cup with colourful plastic picture, made by Wonders.

*Wondermatic Ltd. was founded in Tottenham by New Zealander J.Glover in the mid 1950's and was Oliver Whales' chief competitor making a similar range of cheap, colourful wall machines.*



LOT NO: 6.

Notes

**LOT NO: 7.** WIN A GUM wall machine 32x18x7, 1d coin. Another Allwin variation. The 'Gum' being a tube of fruit gums. Made in the 1950's by Oliver Whales.

*Oliver Whales had several arcades on the North East coast of England and in the 1939-1945 war, when production of machines in London and Birmingham was very restricted, modernised and re-vamped a lot of old machines, being joined by Clements, a specialist in Caillie Commercials. In the 1950's he produced in his works at Redcar a large number of wall machines with topical themes which could fairly be described as cheap and cheerful. Their bright plastic backs are beginning to be collected as typical of popular art of the period.*

**LOT NO: 8.** HAVE A GO wall machine 32x19x6, 1d coin. Allwin variation made by Oliver Whales (see lot 7) paying out 2, 4 or 6 coins.

**LOT NO: 9.** NOVAMAT wall mounted gambling machine 29x21x10, 6d coin.

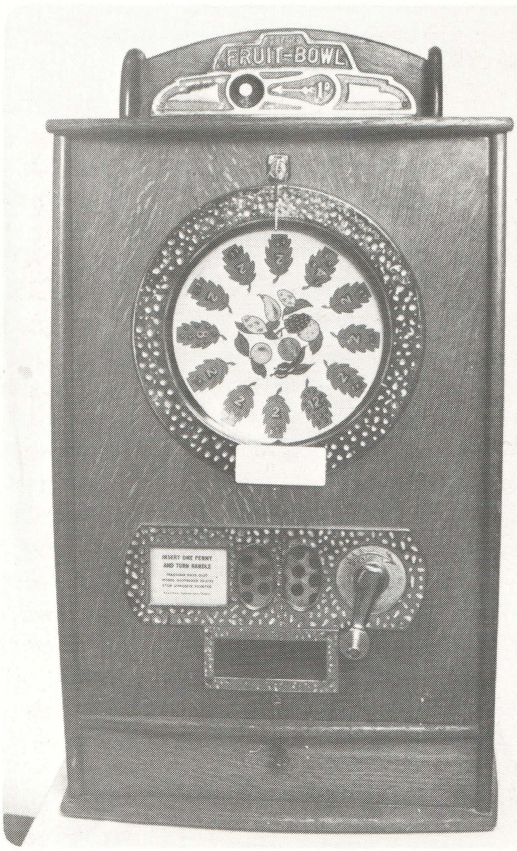
LOT NO: 10.

*Made in Germany during the 1950's as part of the recovery programme, it is rumoured in the former Messerschmitt factory. Cleverly designed, well engineered and reliable gambling machine.*

**LOT NO: 10.** MINI SEGA fruit machine 8x7x8x, 6d coin.

*When the Mills Company went out of business the American-owned Japanese firm Sega acquired the patterns of the Mills range.*

*This is their re-make of the Mills Vest Pocket, the smallest fruit machine ever made. The name Sega is derived from the first two initials of the names Service Games, because the company started by providing machines for American bases.*




LOT NO: 11.

**LOT NO: 11.** BRYAN'S FRUIT BOWL gambling machine 33x18x10, 1d coin. First made in 1965.

Notes

*Bryan of Kegworth, Derby, served his engineering apprenticeship with Rolls Royce and his machines were renowned for their ingenuity and, above all, their robustness. Superbly engineered, they have a characteristic style and were firm favourites in British arcades and extremely popular on fairgrounds. The inventor, Mr W.E.Bryan, died in May 1984.*

**LOT NO: 12.** BRYAN'S CLOCK Gambling machine 28x19x12, 1d coin. (see above)

*The Clock was undoubtedly the most popular of all Bryan's machines. If the hand stops on the hour, it pays out according to the odds displayed. It was first made in 1932 as a six win when only the even hours paid out. In 1946 it was made as a twelve win, on which, incidentally, the operator could also adjust the odds. This is the twelve win model.*

**LOT NO: 13.** BLUE NOTE pintable 71x22x53, 10 pence coin. Made by D. Gottlieb and Company.

*David Gottlieb ran a chain of test-your-grip machines in Texas before producing Baffle Ball, the first commercially successful American pinball in 1931 in Chicago. The firm remained a leader in pinball design and manufacture, being the first to incorporate flippers.*

**LOT NO: 14.** GRAND PRIX RACER 56x43x19, 2 pence coin. A two player competitive game. Two racing cars race one another across the machine as the players turn the handles. Distributed by Ruffler and Walker.

*Ruffler and Walker were originally London operators, then also distributors. They did not themselves manufacture, although they commissioned others to manufacture for them. As they attached their labels to everything they sold, many mistakenly imagine them to have been major manufacturers.*

**LOT NO: 15.** ROMAN HEAD fruit machine 26x17x14, 1d coin. Pre-war machine.

LOT NO: 15.

*The Mills Gold Award (Roman Head) of 1932 was in its day the most expensive one-armed-bandit on the market and, as such, the case was copied by other makers including Bert Firman of Nottingham, to modernise even older mechanisms.*

**LOT NO: 16.** BRECKNELL, DOLMAN AND ROGERS (BDR) gambling machine 50x17x15, 6d coin. Unusual stainless steel gambling machine with three horizontal reels, unusual payouts and jackpot, complete with stand.

*Brecknell, Dolman and Rogers were a substantial Bristol engineering firm, formerly Brecknell, Munro and Rogers, who originally made components for trams and machinery for manufacturing cigarettes, the Wills Tobacco Co. being Bristol based. They were leading manufacturers of all sorts of vending machines, for sweets, matches, cigarettes and supplied ticket dispensing machines to London Transport.*

*Their attempts to produce a gambling machine did not meet with great success in a market dominated by the American one-armed-bandit makers.*

Notes

*(BDR cont)*

*Three patterns are known, of which this example is the most modern, all types had three horizontal reels.*

**LOT NO: 17.** RAJAH pintable 55x20x41, 1d coin. Said to be made by Daval Manufacturing Company, Chicago 1939.

**LOT NO: 18.** WIN A CHEW wall machine 31x19x6, 1d coin. (see Lot No: 7)

**LOT NO: 19.** LOVE TEST wall machine type fortune teller. 28x16x7, 1d coin.

**LOT NO: 20.** CLOWN wall machine 28x19 x7, 1d coin. Classic machine originated by Jentzsch and Meerz of Leipzig in 1906. If balls are caught in the moving clowns hat a bell rings, a token is paid out and a free play is obtained. This example is complete with original pediment, clown tokens and original notice with legal rulings on machine.

*CLOWNS were made in enormous quantities and extensively copied. Max Jentzsch held many patents; the company started in the last century and were substantial manufacturers until the 1939 war. Their wall machines were considered by most people to be the best obtainable. Leipzig was in the province of Saxony, so due to anti-German feeling in Britain after the 1914-1918 war, their machines were often marked 'Made in Saxony' rather than in Germany. The firm was generally unknown by name in Britain, their machines often being referred to as Saxony machines, as if Saxony was the manufacturer.*

**LOT NO: 21.** BRYANS CLOCK gambling machine 20x20x12, 1d coin (See Lot No: 12).

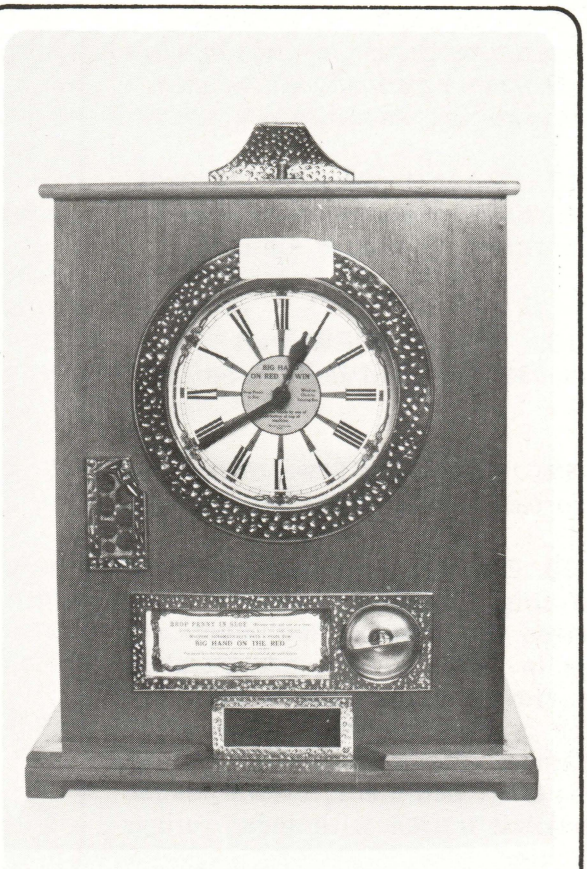
**LOT NO: 22.** ROTOMAT wall mounted gambling machine 28x20x10, 1d coin. Late 1950's three reel machine, German made.

**LOT NO: 16.**

**LOT NO: 19.**

Notes

LOT NO: 20.



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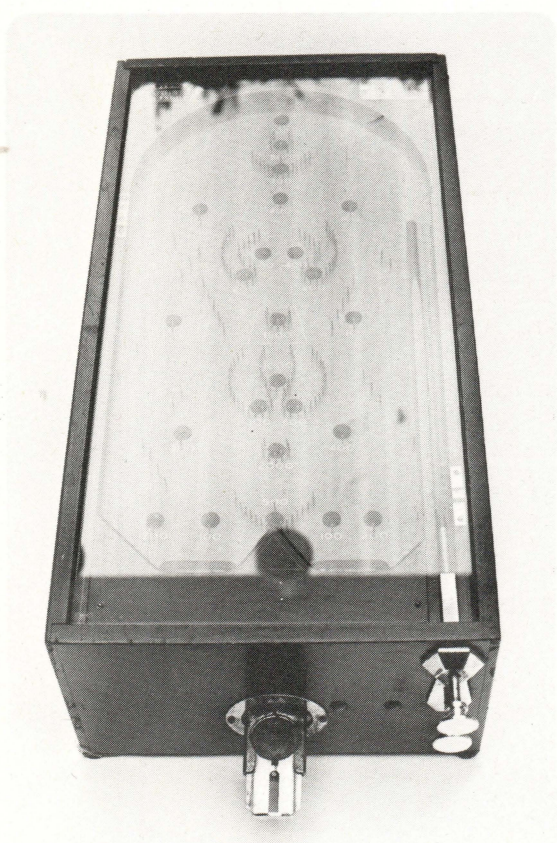
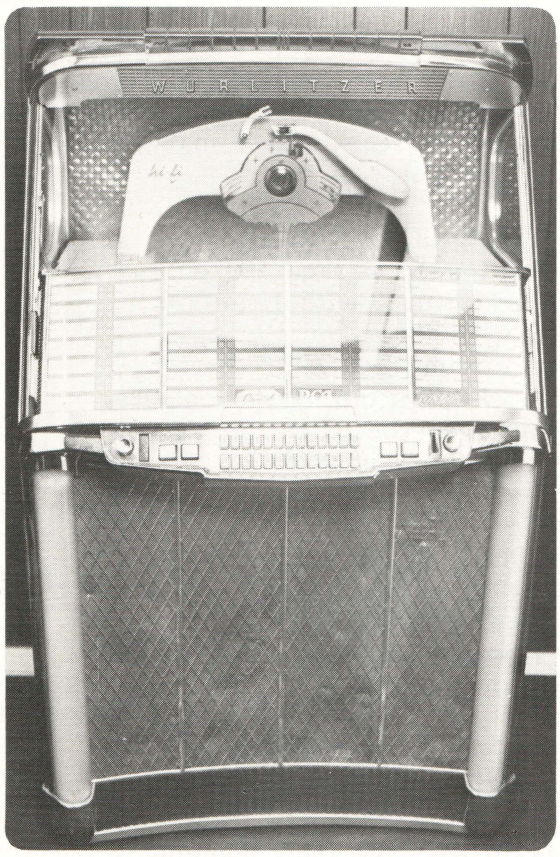


LOT NO: 23.

**LOT NO: 23.** MILLS OFFICIAL pintable 8x11x25, 1d coin. Made by the Mills Novelty Company of Chicago in 1932, this is the first pintable to have a push button ball lift. It was very well constructed and sold in this country by the English agents: Sampsons.

*The Mills Novelty Company of Chicago was for fifty years the world's largest manufacturer of amusement machines, making all types from the incredible electro-magnetic self-playing violin and piano called a 'VIOLANO VIRTUOSO', to change givers. Their speciality was gambling machines, originally wheels of fortune then fruits, it having been estimated that they made more than all the other manufacturers (and there were many) put together. Quality, reliability, reasonable prices and aggresive marketing were the hallmarks of their success.*

Notes

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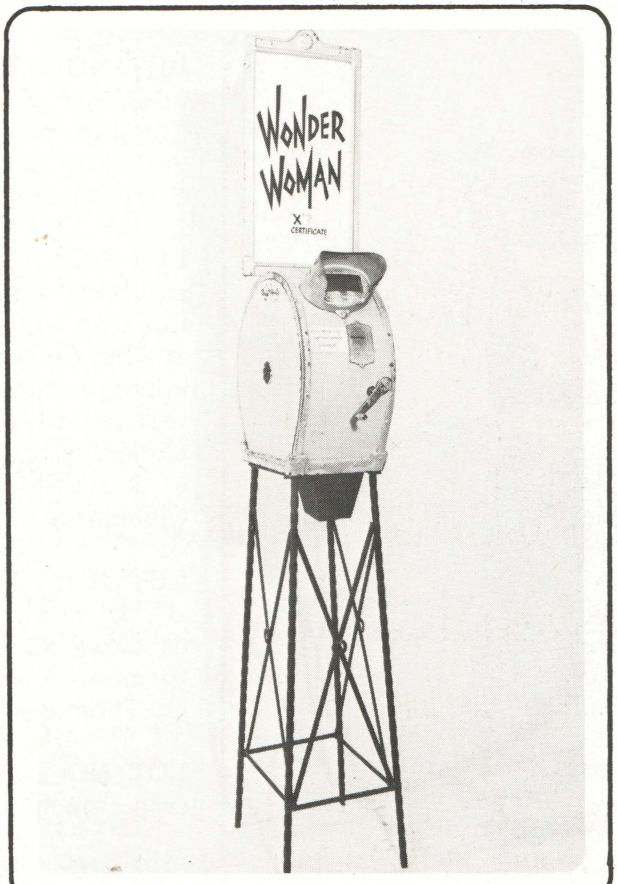



LOT NO: 25.

**LOT NO: 24.** WURLITZER MODEL 2104 Jukebox 55x32x27, mixed coinage. 104 selections, made in 1957. Fully restored.

*Rudolph Wurlitzer, a German immigrant to America, began importing German instruments into the U.S.A. in 1853. In 1861 he opened a factory making musical instruments. In 1909 the Company started to manufacture organs and coin-operated pianos in North Tonawanda; they made cinema organs in the 1920's and in 1933 launched into manufacturing Jukeboxes by employing Homer E. Capehart, a pioneer in the business. They became market leaders, and their name became synonymous with Jukeboxes.*

**LOT NO: 25.** MUTOSCOPE 72x18x20, 10 pence coin. The classic 'What the Butler Saw' machine complete with top sign and reel 'Wonder Woman'.

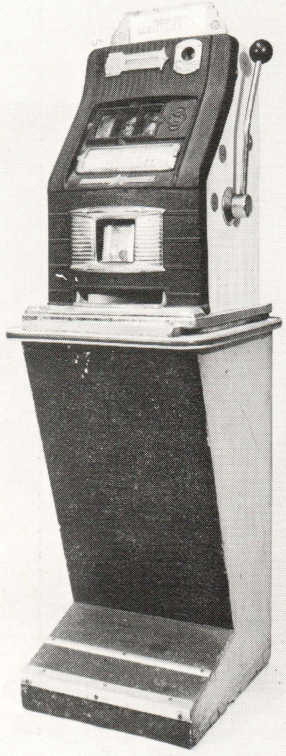
*Invented by American: Herman Casler in 1894. These machines, consisting of a reel of 650/700 photographs which are flipped over to give the illusion of movement, have been in active service ever since. Probably the most popular arcade machine ever, and this is the most popular model, imported during the 1920's and known variously as the Tin Type or Drop Sided.*

**LOT NO: 26.** CONCERTINA 'la Chanal' Anglo Chromatic. Complete with case

**LOT NO: 27.** FRUIT MACHINE 27x 16x17, 1d coin. Three reels, of indeterminate origins, similar to Black Beauty and probably a Tom Boland conversion.

*Boland (not to be confused with Fred Bolland) was a Leeds operator. In 1942 he started restoring, rebuilding and revamping gambling machines, the main object being to make them look unlike the banned fruit machines, often by substituting one larger reel. This business ceased with the legalisation of gambling in 1960. Tom Boland died in May 1984.*

Notes



LOT NO: 27.

**LOT NO: 28.** Mills HIGH TOP fruit machine 28x17x17, 6d coin. Complete. circa 1947/49. The last model in a line of highly successful gambling machines made by the largest maker, for details of which see Lot No:23.

**LOT NO: 29.** CAILLIE COMMERCIAL gambling machine 25x16x11, marked 50¢ coin. Counter top wheel of fortune, with five slots at the top coloured with the colours appearing round the circumference of the vertical wheel below. It pays out if the colour backed is at the top when the wheel stops. It is possible that this one was made by Clements.

**LOT NO: 30.** SIMPLEX wall machine 29x20 x7, 1d coin. A variation on the Clown, catching six balls in a moving cup in the form of a shield. This one was probably made by Thompson of Birmingham.

**LOT NO: 31.** ZUNT pinball 12x16x32, 1d coin. Mechanical pinball game, British 1930's.

**LOT NO: 32.** ARCADIAN '65 fruit machine 24x18x18, 1 new pence coin. Made by, or for, the Sydney, Australia Aristocrat Company, this was one of the last of the mechanical fruit machines.

**LOT NO: 33.** WIN CIGARETTES gambling machine 29x21x10, 1 new pence coinage, originally 1d. Unusual 1950's adaption of German fruit machine mechanism and case to pay out cigarettes.

**LOT NO: 34.** SPORT wall machine 32x20x6, 1d coin. Allwin variant sold by Ruffler and Walker, which paid out Cadburys Dairy Milk Bars. (See Lot No: 14)

**LOT NO: 35.** ELECTROMAT wall machine 32x20x6, 1d coin. 1950's German origins with football theme.

**LOT NO: 36.** Bryan's DOUBLE DECKER wall machine 31x21x11, 1d coin. A well designed, wall mounted or counter top pusher, first made in 1968. Ingenious, as one would expect from Bryan's. (See Lot No: 11)

**LOT NO: 37.** ROTARY MERCHANDISER prize-dispensing machine 42x36x36, 1d coin. Popular arcade machine of the 1930's made by Exhibit Supply Co. of Chicago. In need of restoration.

**LOT NO: 38.** DUCK SHOOT electro mechanical shooter 60x16x24, coinage unknown. Made by Comptons, an up-dated version of the Pussy Shooter but the ducks reset automatically after five seconds if they are all shot. "Based on a game played by the aristocracy on a bigger playfield, usually Scotland".

**LOT NO: 39.** ALLWIN wall machine 24x16x7, ? coin. Probably made in the 1920's by the British Manufacturing Co., with original green baize back.

*The British Manufacturing Co. was Charles Featherstone's company, a reputable London maker of good quality wall machines, employing thirty people at its peak. He retired in 1938, having been in business for about thirty years.*

Notes

**LOT NO: 40.** PRIZE EVERY TIME gift vendor 34x20x8, 1d & 6d coins. Metal case, bevelled glass, four drawers. Label reads "Made by F. Graucob Ltd. City Road, London. Made in Denmark - the home of automatics" which will be a surprise for most, - not least the Danes!

Lot numbers 41 - 65 AVAILABLE FOR ADDITIONAL ENTRIES.

**LOT NO: 66.** SIX MINIATURE SWISS MUSICAL MOVEMENTS.

**LOT NO: 67.** WIN A FRUIT wall machine 32x18x7, 1d coin. (See Lot No:7) the fruit was a tube of fruit pastilles.

**LOT NO: 68.** LITTLE FIVEWIN wall machine 24x16x6, 1d coin. Allwin variation made by B.M. Co. London. (See Lot No:39).

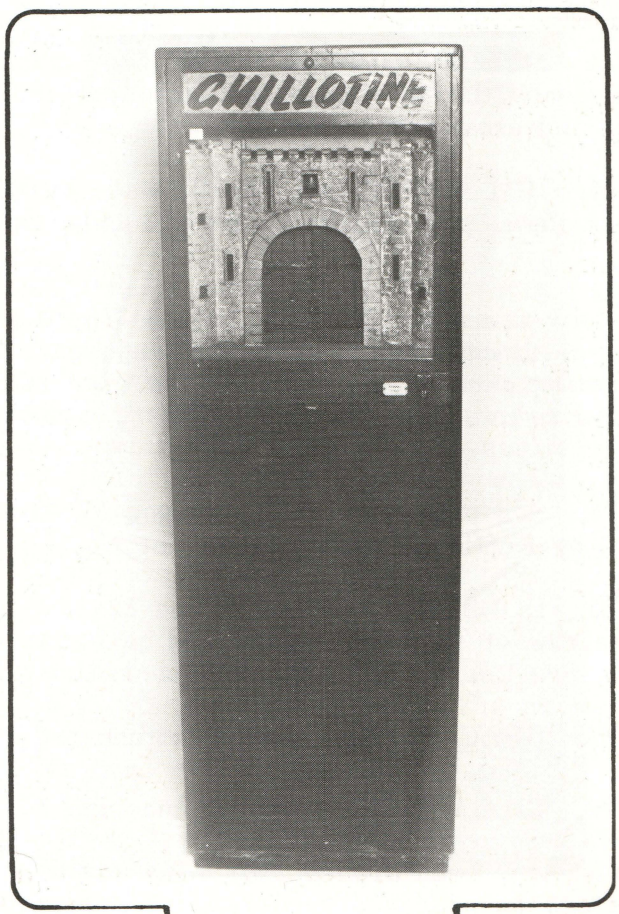
**LOT NO: 69.** BRYAN'S CLOCK gambling machine 28x19x12, 1d coin. (See Lot No12)

**LOT NO: 70.** PACE COMET fruit machine 28x17x16, 1d coin. Missing jackpot. Made by Ed Pace's Pace Manufacturing Company, featuring Pace's unique circular escalator.

**LOT NO: 71** FRUIT MACHINE 28x16x15, 1d coin. Possibly a Mills Golden Falls with additions.

**LOT NO: 72.** GUILLOTINE working model 72x24x24, 1d or 10p coins. Doors open to reveal a priest praying as prisoner is beheaded and head falls into a basket; a popular subject made by several makers. Polished wood case.

LOT NO: 71.




LOT NO: 72.

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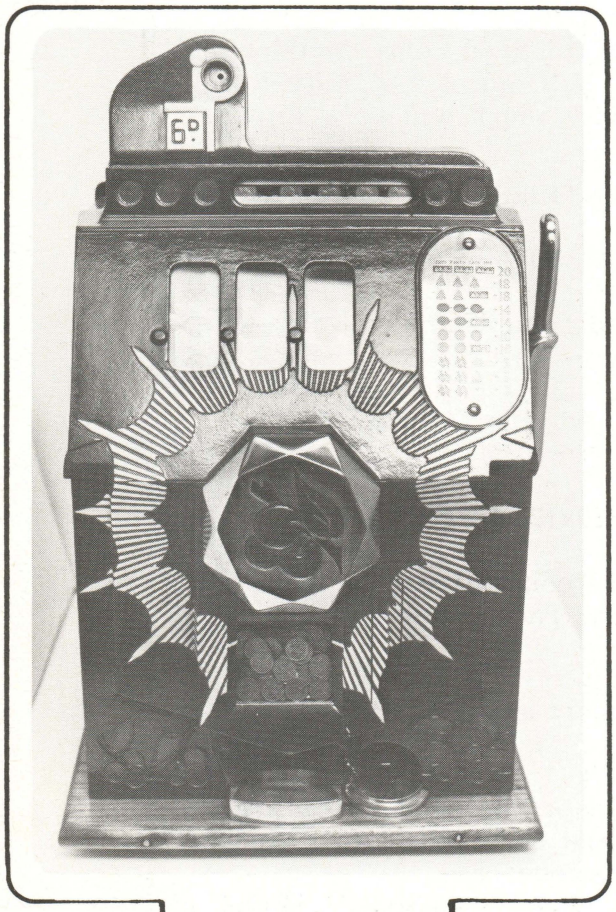


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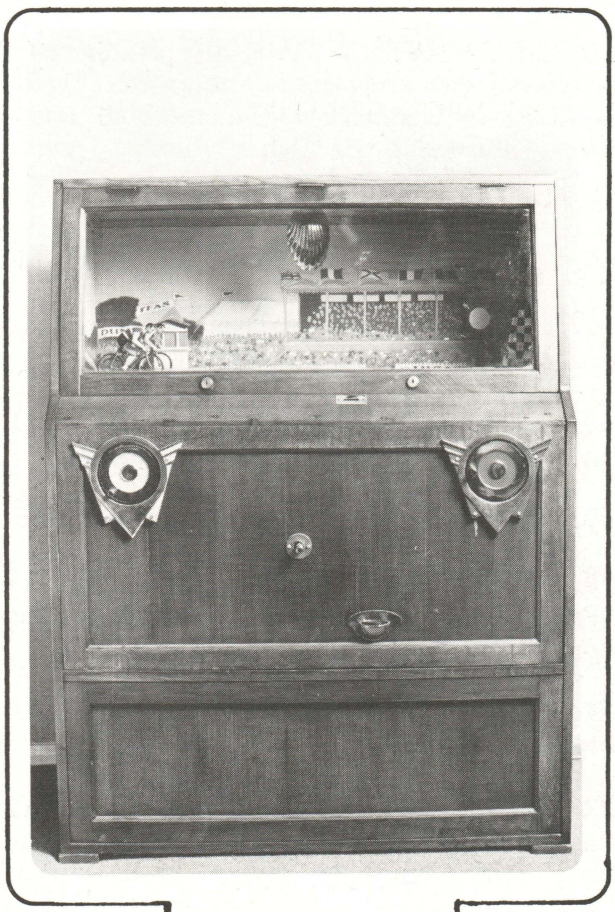


LOT NO: 75.

**LOT NO: 73.** Mills BURSTING CHERRY fruit machine 26x16x15, 6d coin. First introduced by the Mills Novelty Company (See Lot 23) in 1937. Complete with jackpot and escalator.

**LOT NO: 74.** HOT RODS bingo/pinball. Made by Bally in 1949. Bet on one out of seven numbers, play 5 balls, selected number advances wins. Broken backflash glass.

*Bally took its name from the 1931 Ballyhoo pintable, its first machine which was named after a satyrical magazine. Bally was responsible for introducing mechanical scoring, the electric bumper, first automatic ball lift and remain a major manufacturer, not only of pinball, but also of fruit machines.*

**LOT NO: 75.** two player competitive game 57x43x20, 1d coin. Wooden cabinet, by Ruffler & Walker. (See Lot No:14).

**LOT NO: 76.** DOUBLE SIX wall machine 32x19x6, 1d coin. Similar to an Allwin, but one row of six winning cups and two rows of three below. Made by Oliver Whales (See Lot No:7) with colourful dartboard, dice and domino backing.

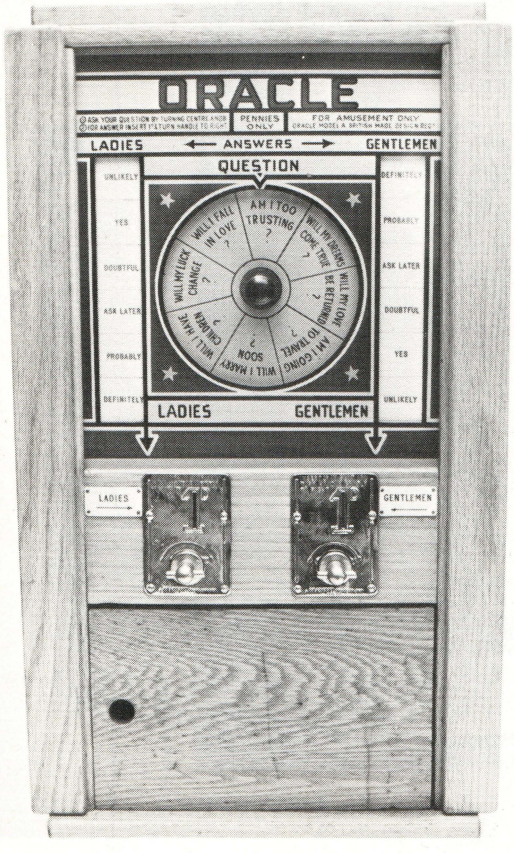
**LOT NO: 77.** ORACLE wall mounted fortune teller 28x16x7, 1d coin.

**LOT NO: 78.** CHALLENGER gambling machine 36x23x9, 1d coin.

*It would have been argued that this was a game of skill as it is theoretically possible to direct the falling penny into whichever column of pennies was almost full, when the contents of the column would be released into the payout cup. The columns of coins provided a keen inducement to play this popular machine which actually paid out very*

Notes

**LOT NO: 78.**




**LOT NO: 77.**

*little, the element of skill being minimal and the losses far greater than anticipated. A clever concept patented by its inventor, Leslie C. Bradley, in 1929. Bradley was former chief designer for Avery Scales.*

**LOT NO: 79.** Mills F.O.K. VENDOR, fruit machine 24x20x20, 1d coin. The F.O.K. Vendor was introduced by Mills (See Lot 23) in 1923 and could dispense tubes of mints each time it was played. The jackpot is a later addition. Partially restored.

**LOT NO: 80** JUBILEE fruit machine 28x17 x16, 6d coin. Two jackpots, Circa 1948, complete with 6d coins.

**LOT NO: 81.** ADVANCE PINTABLE 8x12x 24, 1d coin. Counter-top bagatelle.

*The Advance Pintable was new in Spring 1933, a product of a branch of the Islington Metal & Plating Co., by autumn that year trading as Advance Automatic Machine & Device Co. The principal was a Mr Sogolsky.*

**LOT NO: 82.** SCALES approx 72x22x30, 1d coin. Weight printed on ticket (some supplied) thus obviating possible embarrassment of having one's weight displayed on a dial for all to see. Cast and metal construction with clock and winder. Circa 1929.

**LOT NO: 83.** ROL-A-TOP fruit machine 32x17x17, 1d coin. No jackpot or escalator.

*The Rol-A-Top produced by Watling was so popular a design, it remained in production for many years with different variations. This has the checkerboard front produced by Watling 1948-1951. The machines are also popular with collectors, so copies have been made and prospective purchasers wanting an original should exercise caution.*

*Tom Watling's Chicago firm specialised in scales but also produced gambling machines, usually copying other makers. The Rol-A-Top was a brilliant design breakthrough and it became their standard machine.*

**LOT NO: 84.** ROYAL ROULETTE gambling machine 25x18x8, 3d coin. Made in 1959 by Bergmann of Hamburg, complete with metal stand.

Notes

**LOT NO: 85.** Bally DRAW BELL fruit machine 28x28x52. Electric one armed bandit circa 1947. (See Lot 74)

**LOT NO: 86.** TREBLE POOLS wall mounted gambling machine 24x18x8, 1d coin. Conversion by Oliver Whales (See Lot 7) the object being to match three numbered tumblers set spinning by turning a knob.

**LOT NO: 87.** DUO MAT wall mounted gambling machine 29x18x7, 1d coin. German gambling machine from the 1950's.

**LOT NO: 88.** ROTAMINT BINGO wall mounted gambling machine 29x20x8. German made, with coin changer.

**LOT NO: 89.** Bryan's BULLION gambling machine 32x17x11, 1d coin. Similar to a Caillie Commercial, five slots to gamble on where the pointer stops. First made in 1965 (for Bryan see Lot 11)

**LOT NO: 90.** ROTOMATIC CRANE 48x30x30, 1d coin. A rare machine, a combination of merchandiser and crane, made by the Mutoscope Company of New York. Fully restored.

**LOT NO: 91.** GRAMOPHONE 13x13 square, 10 inch diameter turntable with brass horn 17 inch aperture.

**LOT NO: 92.** RACE TIME pinball 65x29x56, 6d coin. 2 player machine made by Gottlieb (see Lot 13) 1959.

**LOT NO: 90.**

**LOT NO: 92.**

Notes

**LOT NO: 93.** KINGS AND QUEENS pintable 65x29x56. Made by Gottlieb (see Lot13) 1965.

**LOT NO: 94.** JUBILEE PENNY LANE fruit machine 34x17x17, 1 new pence coin.

**LOT NO: 95.** GOLDEN FALLS fruit machine 24x17x14, 25¢ coin. Mills (see Lot 23)

Lot numbers 96 - 120 AVAILABLE FOR ADDITIONAL ENTRIES

**LOT NO: 121.** DOMINO wall mounted gambling machine 25x18x9, 1d coin.
A bartender shakes the dice, if it wins, onlooker lifts up his glass to celebrate.

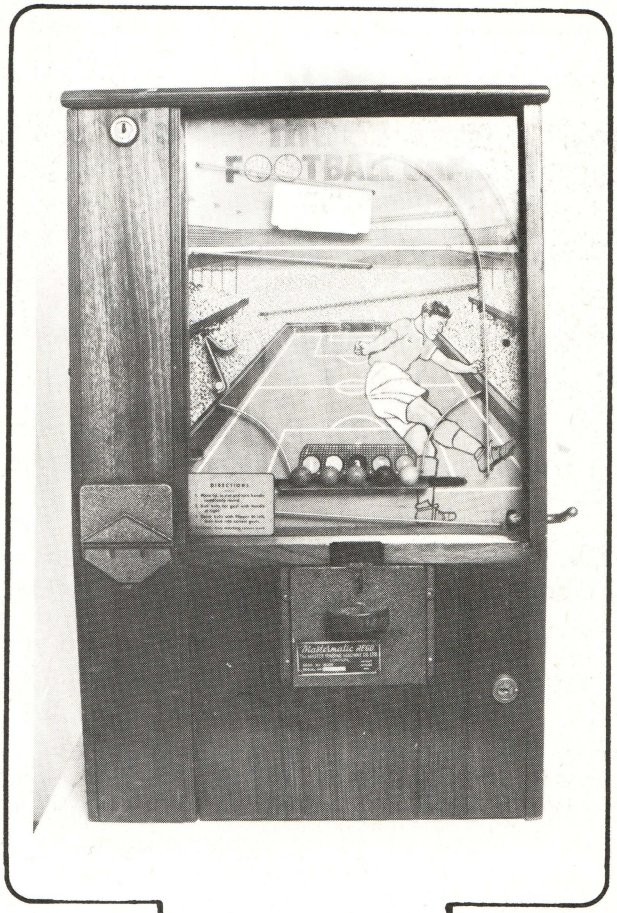
*The machine was introduced by Jentzsch and Meerz in about 1919 though attributed by Claude Baudot to E.C. Bignell of Paris in 1921. When the figures became dated, many were unfortunately 'modernised' and later some were converted back. A most attractive machine.*

**LOT NO: 122.** Bryan's PAYRAMID bench top skill machine 29x16x10, 1d coin.

*Introduced in 1934, the player must attempt to catch eight balls as they fall between two prongs under his control, five or more caught giving increasing cash payouts. This is a game that is great fun to play and therefore very popular with the collectors. Made in two models, a plain case for travelling showmen and a more decorative one for permanent arcades, this is the arcade model. (For Bryan see Lot 11).*

**LOT NO: 123.** LITTLE MICKEY wall machine 31x18x7, 1d coin. Allwin variant made by B.M. Co. (See Lot 39).

**LOT NO: 121.**



**LOT NO: 124.**

Notes

LOT NO: 127.

LOT NO: 128.

**LOT NO: 124.** MASTER FOOTBALL GAME 26x16x9, 1d coin. Made by the Master Vending Machine Co. London, 1957.

**LOT NO: 125.** PLAYBALL wall machine 26x18x8, 1d coin. Made by B.M. Co. (See Lot 39)

**LOT NO: 126.** MUTOSCOPE 72x20x18, 5¢ coin. With reel 'Boxing Beauties' (See Lot 25).

**LOT NO: 127.** DRUNKARD'S DREAM working model 72x24x24, 1d or 10p coin. Not the well-known Bolland model of the same name, this has seven moving features.

**LOT NO: 128.** MERRY-GO-ROUND HORSE light metal construction of continental origin, circa 1920. 32" long, 28" high, 7" wide.

**LOT NO: 129.** Jennings DUTCH BOY or JACKPOT fruit machine 25x16x15, 1d coin. Made 1929-1931; the first Jennings machine with a jackpot.

*O.D. Jennings had been Mill's Philadelphia Branch Manager and in 1907 set up on his own in Chicago. In the 1930's he was second only to Mills in the production of fruit machines. The Jennings Company introduced a wide range of styles of case in an attempt to capture their competitor's markets. It was not until the all chrome Sun Chief of 1946 that they finally hit on a winning formula. The Sun Chief and the later Governor, both with a brass Indian Head mounted on the front, are the popular conception of what a 'real' one armed bandit should look like.*

# PENNY ARCADIA

## *The Magical Museum of Amusement Machines*

THE RITZ CINEMA, MARKET PLACE, POCKLINGTON.
(12 miles east of York)

# A CONCISE HISTORY AND MUSEUM GUIDE

## By JON GRESHAM

# THE COLLECTOR

Jon Gresham's interest in amusement machines was inherited from his mother and was encouraged by an amusement arcade at the caravan site on the Yorkshire coast where he spent all his holidays as a child.

Having earned his living as a fire-eater and magician on the music halls, in circuses and on fairs, he joined the family business of timber importers in Hull. He still maintained his show business links by presenting sideshows during the summer and learned that the amusement machines he had played on as a child were being thrown away or scrapped in favour of new equipment and in the spring of 1970 he was given an amusement machine by a showman friend.

He began travelling the country visiting arcades to enquire if they had any old machines in store and what started as an interest became a passion, not only to preserve the machines themselves but to chronical their history.

For ten years most of his leisure time was devoted to following leads and scouring this country and abroad for machines which became progressively harder to find.

Having acquired the largest private collection in the country, he was anxious to display the pick of his collection to the public in order to share his pleasure in them and also make some room in his crowded house.

On 1st March 1981 he purchased the Ritz Cinema, Pocklington, only nine miles from his home, confined the cinema to the circle and opened Penny Arcadia in the former stalls on 17th July 1982.

It is his hope that everyone will enjoy their visit and that many will appreciate what a record of ingenuity, inventiveness, craftmanship, popular art and taste these machines represent.

The Rt. Hon Lord Thorneycroft C.H. presents Patricia Gresham the Certificate of Merit Awarded to Penny Arcadia by the British Tourist Authority in their 'Come to Britain Competition', Duncan Bluck, Chairman of the B.T.A., is behind the certificate and Jon Gresham on the right.

Left to right: Punch Ball, Penny Shooter, The Racer, Everitt Strenght Tester, Singing Bird, Lisa, Graphophone, Wooden Mutoscope, 'Caille' Commercial, Mills Commercial.

## THE COLLECTION

Three criteria have been used in selecting which machines should be displayed, it being impossible to show more than a tiny selection from the thousands produced over the years:

1. Machines that are historically important.
2. Machines that are particularly fine examples of ingenuity, craftmanship or type.
3. Machines that were very popular which many visitors will remember.

We hope we have chosen an acceptable mixture of the very rare and the familiar but it is inevitable that we cannot include everyone's favourite.

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**NOTICE**

Due to many factors machines may have to be removed from the exhibition and others may be added. This catalogue may mention machines not on view at certain times and fail to mention others that are.

# GAMBLING MACHINES

The first gambling machines manufactured in quantity would seem to be the mechanical wheels of fortune produced primarily in the United States from the late 1880's. One of the largest and earliest manufacturers was Caille of Detroit, which in this country has led to any such machine being called a CAILLE (or CAILLIE) no matter who was the manufacturer.

On display is a 20th CENTURY, a rare model made from 1901 to 1904 and/or a BIG SIX first made in 1906, both made by the Mills Novelty Company of Chicago, while on the stage a counter-top 'CAILLIE' COMMERCIAL is demonstrated, thought to have been made in this country by a Mr Clements in either the late 1920's or early 1930's.

What is known as a fruit machine in Britain, and a slot or bell in America, was invented by Charles Fey of San Francisco in 1899. The fruit machine gradually became by far the most popular gambling machine.

The Mills F.O.K. FRONT VENDOR was made from 1923 to 1932 and delivered a tube of sweets each time it was played. The same firm's JACKPOT or POINSETTIA was made from 1928 to 1931 and was the second fruit machine to have a jackpot. O.D.Jennings, a former employee of the Mills company, made his JACKPOT or DUTCH BOY in 1929 (on the stage) and the LITTLE DUKE in 1932, this being unique in style and in its day the cheapest machine available and now very sought after.

The British did not manufacture fruit machines until the passing of the Betting and Gaming Act of 1960, their use being illegal prior to that. A gambling device similar to a fruit machine was the NEW TOTE reputedly adapted in Bristol by Brecknell, Munro and Rogers in 1936 from the ticket dispensing machines they supplied to London's Underground. The CLUB TOTALISATOR is a 1932 attempt to disguise an imported fruit machine mechanism as something legal. In 1944 Tom Boland of Leeds adapted old Mills mechanisms to a single reel and put them in new cabinets, such as the WHITE CITY.

The WAR EAGLE, introduced by Mills in 1931, pioneered the escalator and an entirely new styling to the cabinet, followed in 1932 by the GOLD AWARD, the most expensive machine in their range. Mills produced two novelty machines, the FUTURITY in 1936, which recorded the number of unsuccessful plays and refunded the money inserted if ten losses in a row were sustained, and the BONUS in 1937 which paid an additional award when the word BONUS was completed in the top window.

**MILLS BIG SIX**

**MILLS POINSETTIA**

# GAMBLING MACHINES

The RELIANCE, sold by Bally in 1935, is an unusual machine in that instead of the usual reels, two pairs of dice were apparently shaken and the machine pays according to the combinations of numbers displayed.

The ROL-A-TOP produced by Watling in 1935 is considered to be the most elegant machine ever made while the half-size COLUMBIA, first produced by the Groetchen Tool Company in 1936, had a unique mechanism.

Three more novelties remain, all of Mills construction: the VEST POCKET, first produced in 1938, is the smallest operational fruit machine ever made but does not look like one - intentionally, the Q.T. mechanism concealed in a pintable and the HI-TOP machine surrounded by a recently carved figure of a one-armed western bandit.

BOLAND WHITE CITY

ONE-ARMED BANDIT

WATLING ROL-A-TOP

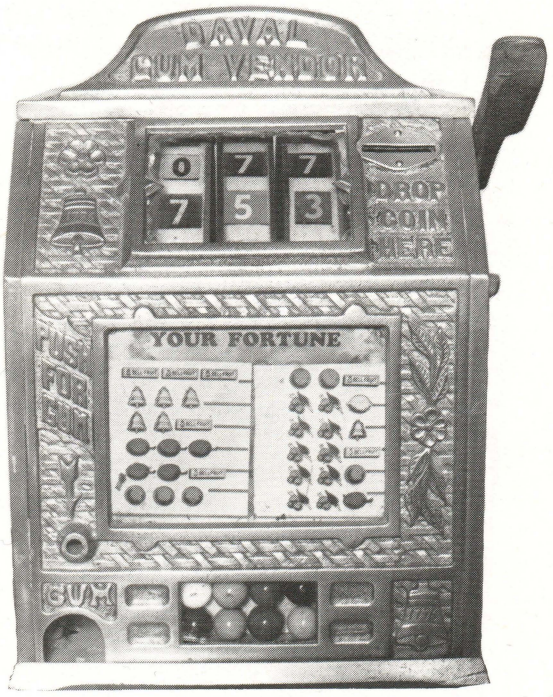
# TRADE STIMULATORS

This is an American term, and a very appropriate one, for the range of small gambling machines that did not pay out cash. They were situated on counters and bar tops, usually near the till, to attract change and paid out either tokens, redeemable for goods, or nothing, the attendant paying out the award.

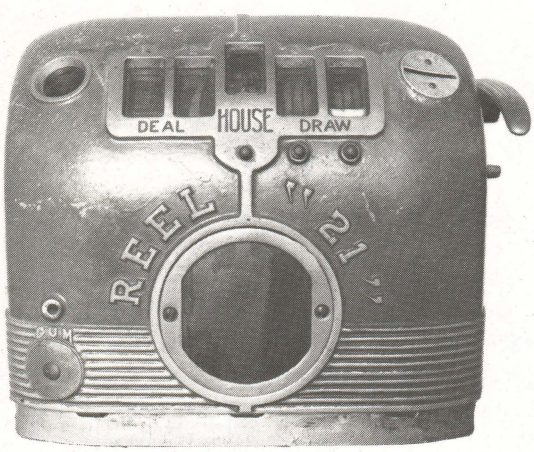
The MONACO DICE machine is German, appearing in one of their trade catalogues dated 1893. The most attractive 'LE TIGRE' was not made in France but by Caille of Detroit in 1908 and is their TIGER adapted for the French market.

Two of the most interesting machines are made by Mills, the card display machine on the stage named THE COMMERCIAL made from 1905 to 1914 and the wooden PERFECTION, a five reel gambling machine with card symbols made from 1901 to 1933.

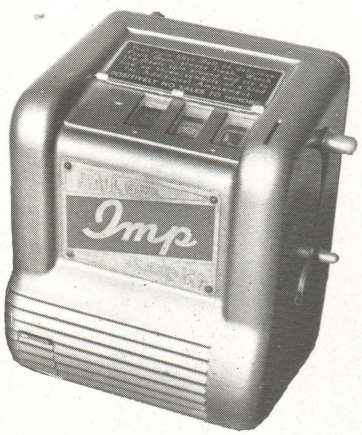
Apart from Daval's MARVEL made from 1940 to 1952 all the other trade stimulators displayed originally dispensed a ballgum each time the machine was played, Daval's GUM VENDOR made from 1932 to 1936 and their 1936 to 1940 REEL 21, copied by Groetchen from 1936 to 1939 with their BLACKJACK and the same firm's SPARKS made from 1938 to 1941. The smallest trade stimulator ever made, in 1940 and 1941, was the Groetchen IMP.




DAVAL GUM VENDOR



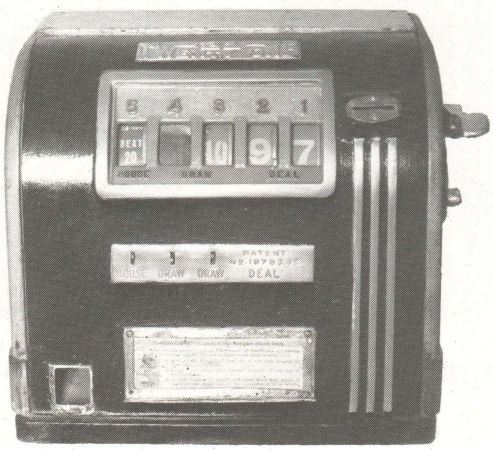

DAVAL REEL '21'



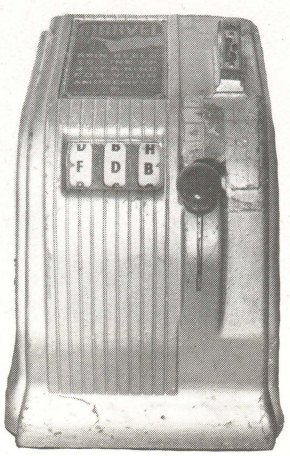

GROETCHEN IMP

CAILLE 'LE TIGRE (TIGER)

GROETCHEN SPARKS



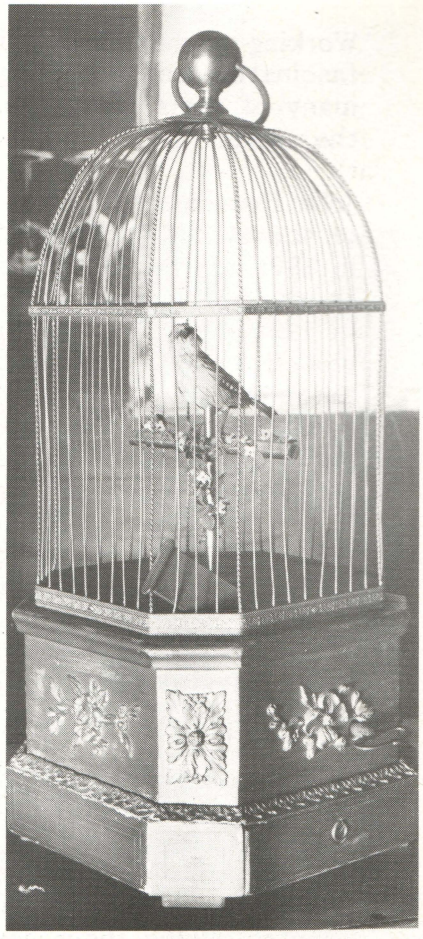

GROETCHEN '21'




MARVEL

# MECHANICAL MUSIC

Prior to 1902 the most popular location for coin operated music, usually in the form of mechanical pianos or disc musical boxes, was in the bars of public houses where children were rewarded for good behaviour by being allowed to put a coin into the machine. An act of parliament in 1902 barred children from going into bars and the popularity of mechanical music in these locations waned.



SINGING BIRD

The style 104 POLYPHON playing 19½" discs was the best known model, the one on display being manufactured in Leipzig on 10th February 1900 and was used in an amusement arcade.

Even earlier is the cylinder musical box movement in the base of the Dennison MUSICAL FAIRY working model assembled in 1882 or earlier. The SINGING BIRD is of unknown date and manufacture as several makers have produced a similar style for over a hundred years.

The phonograph is a COLUMBIA GRAPHOPHONE type BS, manufactured in New York in about 1901 and reminds us that the first commercially successful use of the phonograph, invented by Thomas Edison in 1877, was a coin-operated amusement device in 1889.

The TROUPADOUR jukebox on the stage was claimed by its 1926 maker, Bertie Mills of the Mills Novelty Company, to be the first electric reproducing jukebox and it is worth recording that in the nineteen thirties the American record industry was only able to survive the depression because of the demand for records for jukeboxes and the practice of recording 'pop' music to-day on 45 rpm discs, when all others are on 33 rpm , is because they suit jukeboxes.

COLUMBIA GRAPHOPHONE

# WORKING MODELS

Working models, known in America as automated pieces, are amongst the most fascinating and appealing of all amusement machines because so many are unique, many of their creators made them for exhibition by themselves and rarely made two the same.

John Dennison of Leeds is one of the most noted. On display is the mechanism and case of the MUSICAL FAIRY he exhibited in 1882, adapted by his daughters Alice and Evelyn in 1925 to the EGYPTIAN SEER. John Dennison had the concession for all the amusement machines at the Tower Blackpool from its opening in 1894 until his death in 1924, when his daughters took over until 1944. One of the conditions was that new models should be added each year and unable to devise enough John Dennison purchased automata (mechanical dolls) in Paris, put them into cases and adapted them to coin-operation. The FLOATING LADY is one such piece, the figures made by Decamps, purchased in 1907 and first displayed in the Tower in 1908. The CHINESE TORTURE was made by the two daughters in 1938.

The MAGICIAN is another example of an automata cased for coin-operation, the maker and adaptor are unknown but the figure is thought to be German and the case English.

Vincent Canova was a Birmingham manufacturer who was making models in the 1890's and died in 1930. His figures were made of wax and the AMERICAN EXECUTION is an example of his work.

Charles Ahrens also manufactured three subjects in some quantity, with several variations in style and size, the ENGLISH EXECUTION, OUR FIREFIGHTERS and THE BELFRY.

During the 1939 war when prizes for cranes were unobtainable, Fred Bolland toured the country buying them. He and his brother used the cases and motors for working models producing some 300 with distinctive style and excellent animation using cast aluminium figures including: THE BURGLAR, WITCHES CAVE, HAUNTED HOUSE, NIGHT WATCHMAN, EGYPTIAN TOMB and HAUNTED CHURCHYARD.

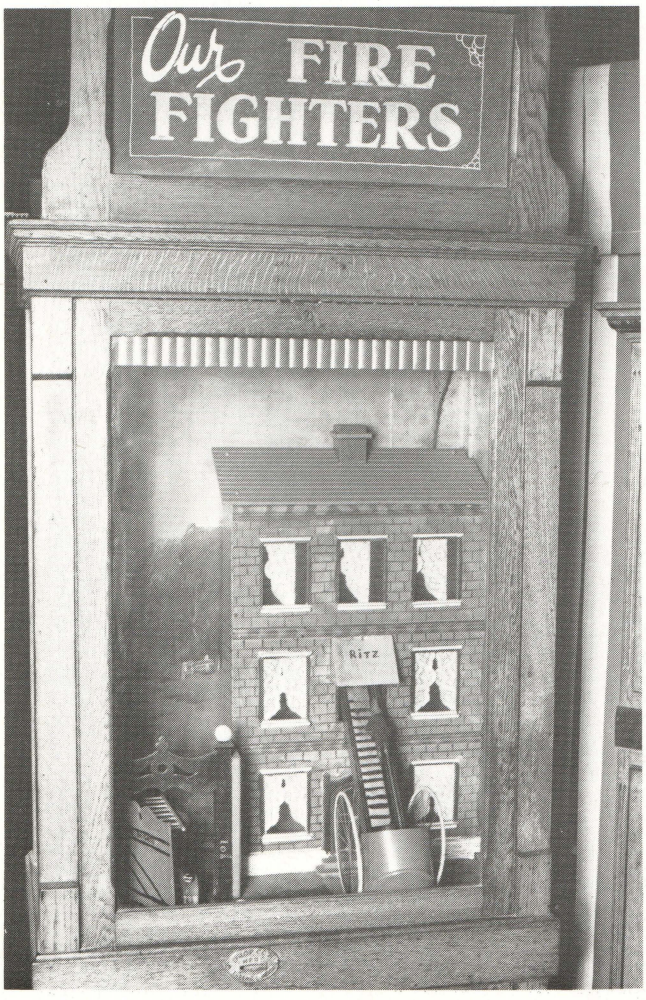
DENNISON CHINESE TORTURE

AHRENS AMERICAN EXECUTION

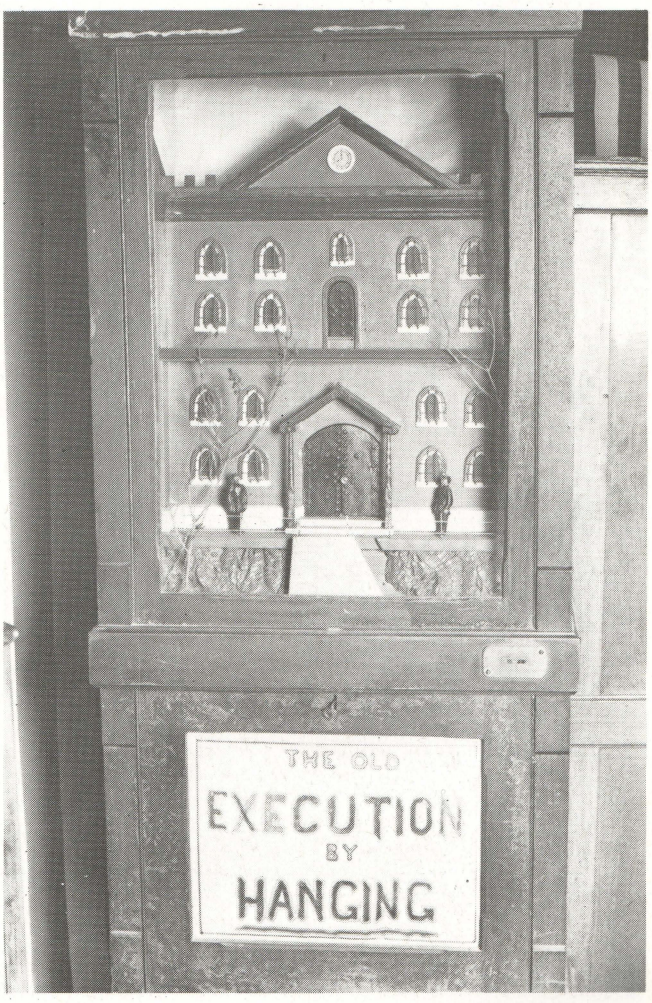
# WORKING MODELS

MAGICIAN

FLOATING LADY




OUR FIRE FIGHTERS




AHRENS ENGLISH EXECUTION

# FORTUNE TELLERS

Fortune tellers were amongst the earliest amusement machines and have maintained their popularity until the present. The MUSICAL FAIRY in the Working Model section was a fortune teller.

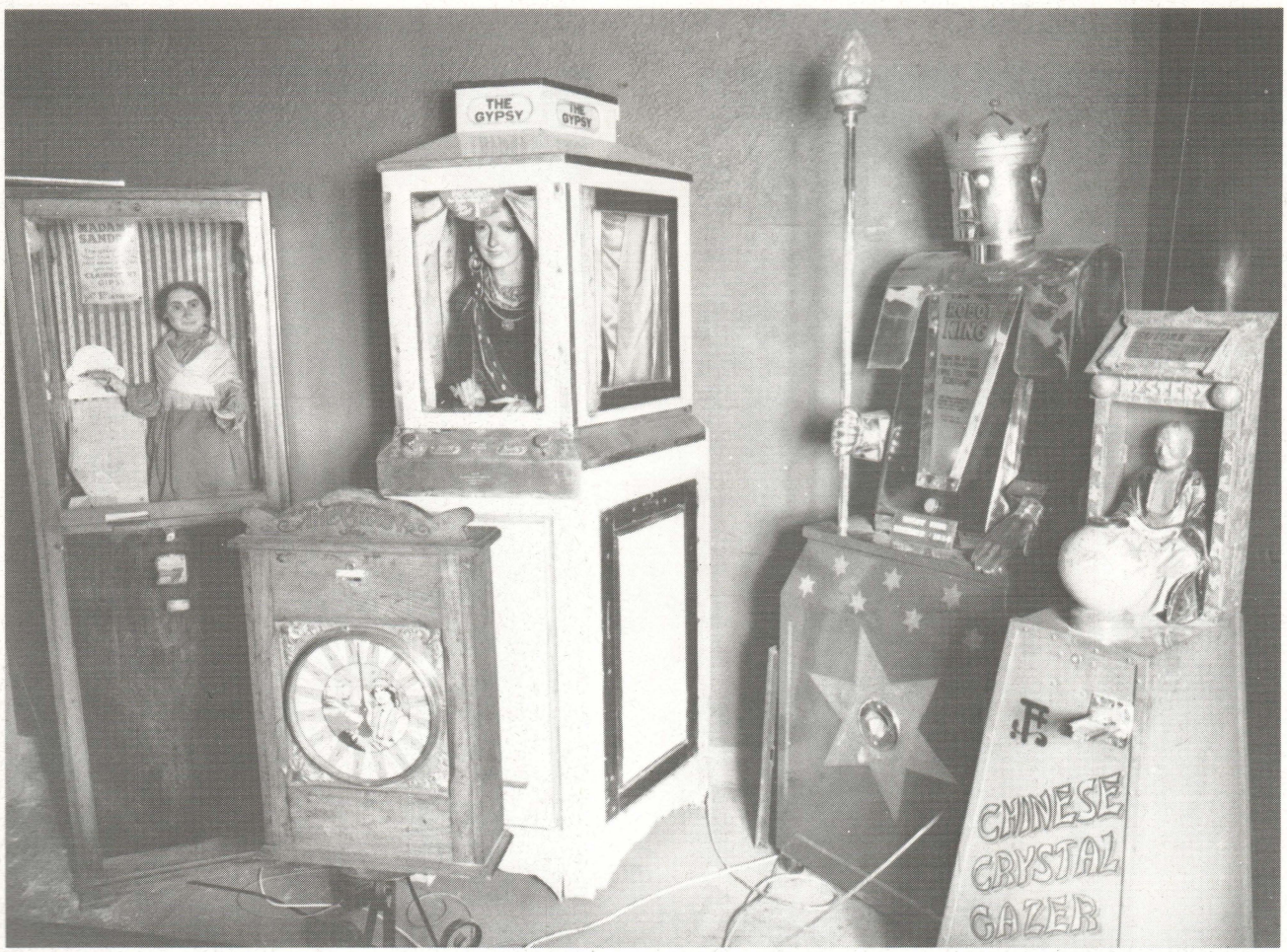
The most popular form of fortune was a printed card, often delivered by a Gipsy. Our GYPSY apparently writes the fortune and was made by the Adelphi Manufacturing Company in the early 1930's, but there are many similar machines. MADAM SANDRA is quite recent, the figure being made by Len Insull, a constructor of ventriloquist's dummies, and the machine assembled by S.Levine in about 1950. The HAND IMPRESSIONIST, or PALMISTRY, was made by several makers, including Ahrens, but ours is thought to have been made by Arnold of Southend-on-Sea before the 1914-1918 war.

Also built in Southend-on-Sea, but in 1936, was the ROBOT KING constructed by J.G. Brenner, which actually prints the fortune within the machine.

The CHINESE CRYSTAL, although British, has defied identification and reveals the fortune when one peers into the crystal.

UNCLE SAM is a copy, made in 1978. Originally manufactured as a grip-test by Caille in 1908 originals reached such high prices that they were copied, but as fortune tellers.

Three Fortune Tellers usually included in this section are really wall machines and are listed under that heading.




**Left to right: MADAM SANDRA, THE GIPSY, THE GYPSY, BRENNER ROBOT KING, CHINESE CRYSTAL GAZER**

# FORTUNE TELLERS

MADAM SANDRA

THE GYPSY

BRENNER ROBOT KING

UNCLE SAM

# VIEWERS

Viewers are of two basic types, those that show single views (usually stereoscopic) and those that give the illusion of movement.

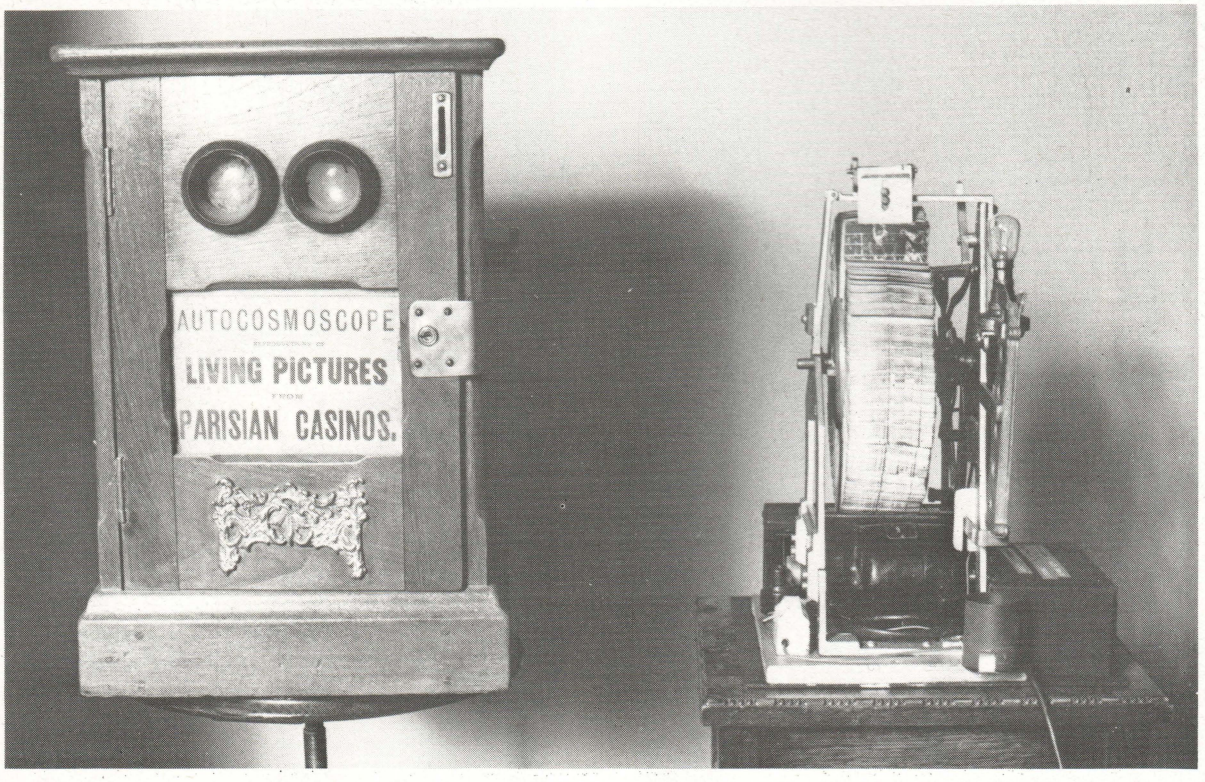
The correct name for one in which the pictures seem to move, popularly called 'What the Butler Saw' machines, is MUTOSCOPE. The device, a revolving reel of photographs, was invented by Herman Casler in November 1894.

William Kennedy Laurie Dickson was employed by Thomas Edison and was the actual inventor of a camera using 35mm celluloid film and the Kinetoscope, a coin-operated peep show exhibiting a 50 foot continuous loop of this film, perfected in 1893. In 1895 he left Edison and joined Casler building the Biograph camera, avoiding the Edison patents, to produce pictures for the Mutoscope and later for projection.

Mutoscopes were built under licence in many countries and we have French, British and American models on display made of wood, sheet metal and cast iron. We also have one without an external handle, built in 1929 by the Coin Operating Company of Birmingham, in which the reel was revolved by an internal motor, which is believed to have infringed the Mutoscope patents and had a very short production run.

Viewers that showed a series of static pictures, usually 'art studies', grew from Victorian stereoscopic viewers and were made by every major manufacturer of amusement machines. The earliest on display is W.Haydon & Co's AUTOCOSMOSCOPE of 1902, but others by Thompson of Birmingham and Fred Bolland (on the stage) are also on view. The most unusual is the Rosenfeld ILLUSTRATED SONG MACHINE, made in New York in 1906, which originally included a phonograph which played a song, listened to through tubes, as one saw pictures illustrating the song.

BOLLAND AUTO STEREOSCOPIC




HAYDON AUTOCOSMOSCOPE AND MECHANISM OF MOTORISED MUTOSCOPE.

GROUP OF MUTOSCOPES

# COMPETITIVE GAMES

**Left to right: MATTHEWSON FOOTBALL, FULL TEAM FOOTBALL, HEADBALL, WORLD SERIES, MARATHON CYCLIST.**

Two person competitive games are those where two people each put a coin into a machine and have some sort of contest, usually with a sporting theme, the machine returning one coin at the end of the game to be claimed by the winner. These machines were particularly popular before the pinball or pintable.

However, on some machines the player competed with the machine to win a prize and on others players would compete with one another to see who could achieve the highest score so that many types of machines, like CRANES, STRENGTH TESTERS, SHOCKING MACHINES, SHOOTERS and PINTABLES can be classed as competitive games.

The first FOOTBALL game was patented by E.G.Matthewson in 1896 with two players in a cast iron case. He is also credited with manufacturing the PENNY SHOOTER (patented 1890) and HORSE RACER on the stage, two very fine machines. He also made the two-player ARTILLERY DUEL, patented in 1912. Eighteen of these cast iron shooters in three styles were bought and overhauled by F.Bolland after the last war, which is why his name is on the instruction plate.

The first FULL TEAM FOOTBALL was made by George and Harry Barr for the British American Novelty Company and patented in 1921, it was not until 1927 that Charles Ahrens made his. Other two-person competitive games made by Ahrens include the MARATHON CYCLIST, BUBBLES and FIREMAN RACER (on the stage). Avigdor Finkelstein is credited with the invention of the HEADBALL in 1927, made by the London Automatic Machine Co. Ltd.

The Pintable that started the pinball craze was BAFFLEBALL, made by David Gottleib in 1930. This was not the first, although it is sometimes claimed to be, on exhibition is a Handan-Ni 7 ARCHES, made in 1920.

# COMPETITIVE GAMES

The Mills PAY TABLE pintable made in 1934 is really a disguised gambling machine.

The pioneer of amusement machines, an engineer and dynamic businessman, now almost forgotten was Percival Edward Everitt who was granted a patent for the STRENGTH TESTER on the stage in 1886. Strength testers were very popular machines in the early days, the MILLS PERFECT MUSCLE DEVELOPER, first produced in 1904 though made for many years and known in the trade as the OWL LIFTER. PUNCH BALLS were made by many makers, also from 1904, to almost identical designs. The one on the stage was made by Ahrens.

The ELECTRIC SAILOR shocking machine is believed to have been made in Germany in the 1900's.

Shooters include the ELECTRIC PISTOL made and patented in 1902 and the popular PUSSY SHOOTER, patented by Victor Haydon in January 1930 for the British American Novelty Company.

Cranes include an early American DIGGER, where they were invented in 1924, an ELECTRIC TRAVELLING CRANE assembled in London from parts supplied by the American Mutoscope Company and the FRENCH CRANE made in 1935 by Sopransi et Bonzini.

Another prize giving machine is Ahrens' SKILL MERCHANDISER, a machine copied from the merchandiser patented by Walton of Blackpool and the subject of a law suit, but Ahrens' BOMBING PRACTICE is believed to be an original concept, although the only prize for success is the return of the coin.

OWL LIFTER

ROCK-OLA WORLD SERIES BASEBALL GAME

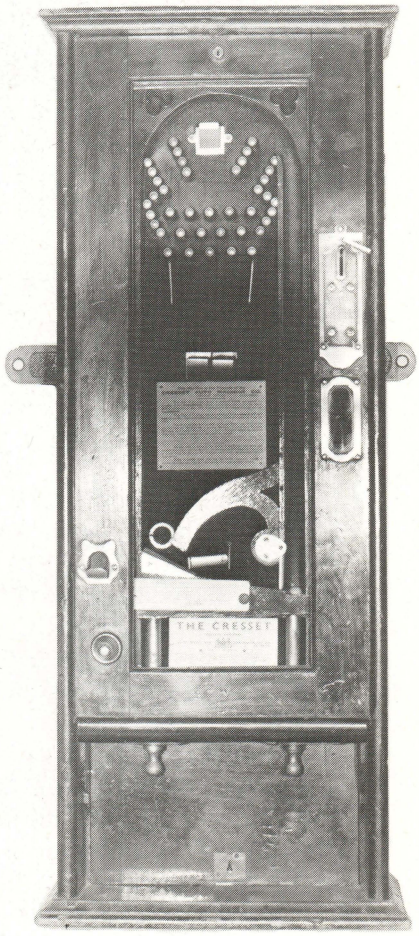
# WALL MACHINES

Wall machines, so called because they were attached to the walls of arcades and cafes, are the most prolific of all amusement machines yet they are a purely European device. Similar games in America are put into small cases for play on top of counters as seen with Pace's 1932 BOOP-A-DOOP and SPIRAL GOLF.

Wall machines are cheap and easy to make, so were made by hundreds of makers. Not only were a bewildering variety originated, but successful and popular ones were extensively copied and old ones altered and modernised.

Two examples of hybrid machines are on view, the CLOWN 'made by Clem's Automatics of Redcar' was not. The machine was made by Jentzsch and Meerz of Leipzig, Saxony, Germany (the source of top-quality wall machines) and purchased second-hand by Mr. Clements who reconditioned hundreds of machines during the 1939 war when raw materials for new machines were unobtainable. Cigarettes were then in short supply making them desirable prizes so he added the cigarette pay-out. The OVER THE TOP was patented in 1894 by Smith, Haydon and Urry but put into a more modern cabinet and again given a cigarette pay-out by A.Powell of South Shields.

In their simplest form the coin inserted became the projectile, as in the LIFELINE, made in the twenties by Fred Bolland, the PATENT TIVOLI, which is known to have been bought second-hand in 1903 by the Littleton Arms in Great Heywood, Staffordshire, while the TWENTIETH CENTURY TIVOLI JACKPOT was a very popular type of machine made in many styles, many sizes, many countries under many names by many makers. The OVER THE TOP, already mentioned, is in this class as is the POOL TOTE, made by the Quested Automatic Company of Birmingham in 1928.

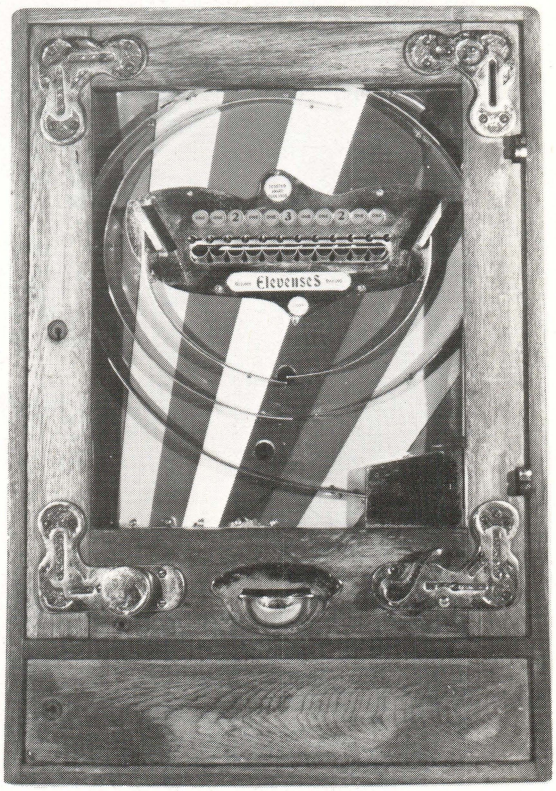



**CRESSET PICKWICK**

More often balls are propelled, in PING PONG, dating from the first decade of this century, into one of only two cups while at the other extreme the 24 CUP had -24- and was made by several makers. The LITTLE MICKIE was made in the 1930's by Charles Featherstone's British Manufacturing Company, a leading manufacturer of wall machines.

There are some who call all wall machines Allwins, which is quite incorrect. The ALLWIN is a specific machine in which a ball is hopefully caught in one of a straight line of cups. This concept was originated by Jentzsch and Meerz of Leipzig, Saxony, Germany but was extensively copied. The ALLWIN DE LUXE is a copy made by Frank Harwood of Birmingham, as is the ELEVENSIES, first made by BRYAN of Kegworth in 1955 which has several improved mechanical features and was the first machine given to the owner of this collection.

Machines in which the ball was caught in a moving cup controlled by the player were popular, having been judged in court as games of skill rather than games of chance. The CLOWN, previosly mentioned, was the best known, the CONQUEROR'S FLAGS,




**BRYAN'S ELEVENSES**

# WALL MACHINES

BRITISH BEAUTIES BUREAU

made in 1917 by Thompson of Birmingham, possibly the one with the shortest life, due to its Great War topicality, contrasting with the Cresset PICKWICK, in its distinctive tall case, a style and shape very common at the turn of the century, a legendary machine amongst old-timers.

Three wall machines are included in the Fortune Telling section, THE GIPSY, whose spinning pointer stops at a prediction could have been made by any of several makers, though the coloured illustration was printed by Petty Bros. of Leeds for Fred Bolland, the BRITISH BEAUTIES BUREAU, made by at least three makers, although the one on display is believed to have been made in 1908 by Haydon and Urry and I WONDER, another drawer dispensing machine made by Fred Bolland. The satyr's head drawers are identical on these two machines.

HARWOOD ALLWIN DELUXE

THE GIPSY FORTUNE TELLER

BOLLAND LIFELINE

TWENTIETH CENTURY TIVOLI JACKPOT

**THE MODEL 104 POLYPHON READY TO PLAY THE DISC 'BILL BAILEY WON'T YOU PLEASE COME HOME'.**

Anyone interested in mechanical music should join the Musical Box Society of Great Britain. Full details and application forms are obtainable from Reg Waylett, Membership Secretary, M.B.S.G.B., 40 Station Approach, Hayes, Bromley, Kent. BR2 7EF.

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  This is a high quality 20 page illustrated monthly magazine on all coin-operated amusement topics and features a market place for machines and spares.
- Monthly social meetings.
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Machines owned if any _____

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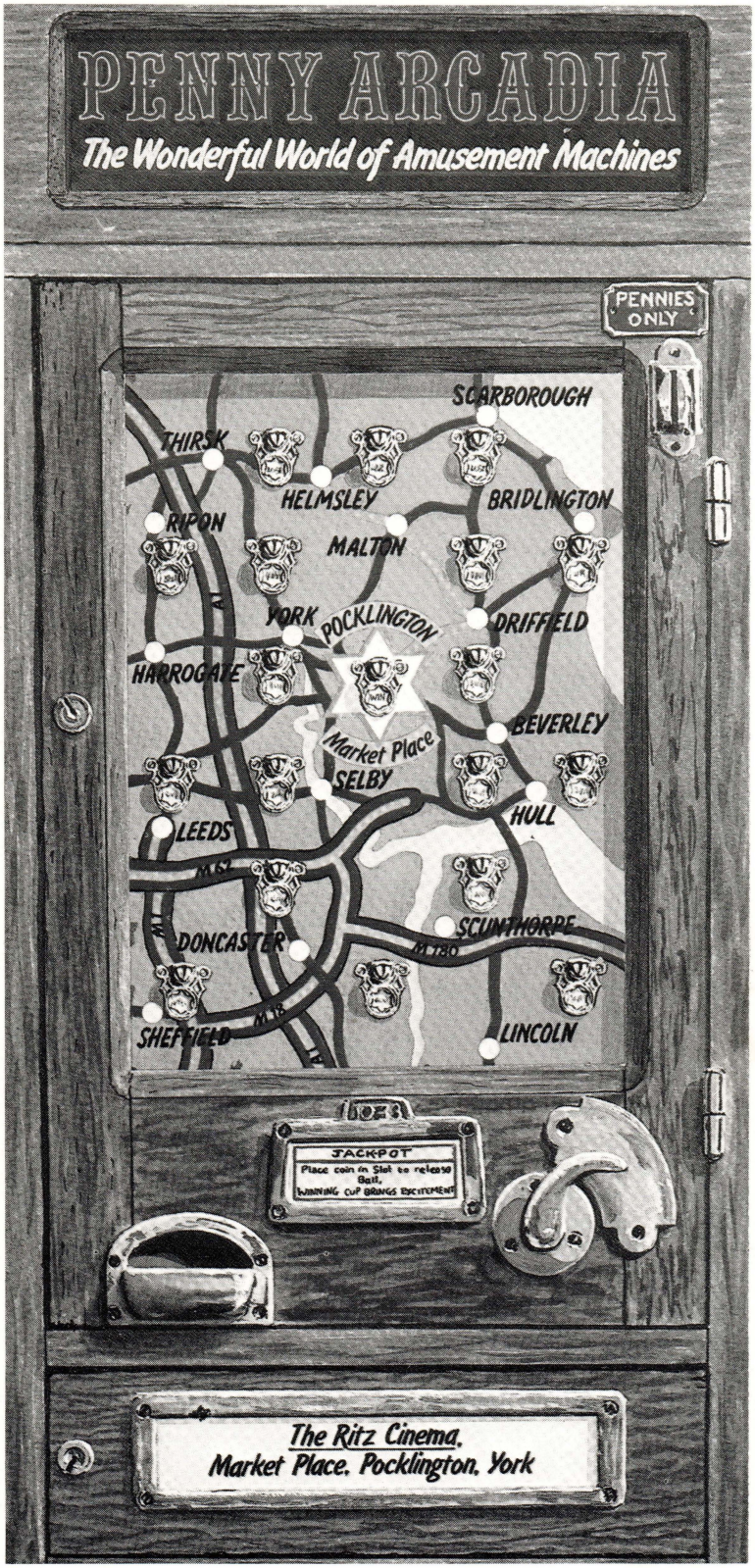


This Concise History and Museum Guide was first published in September 1985 as a supplement to the **ARCADIA 85** Illustrated Auction Catalogue.

Photography by Glen Brent, 01-960 5018.

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Notes

**LOT NO: 130.** PIRATE fruit machine 72x27x24, 1d coin. Mills High Top built into the chest of a fibre-glass pirate sat astride a barrel. One pulls his arm with a pistol instead of a handle.

**LOT NO: 131.** Bryan's PAYRAMID 30x15x8, 1 new pence coin. Counter top skill machine. (See Lot 122).

**LOT NO: 132.** WIN AND PLACE wall machine 29x24x7, 1 new pence coin. Allwin variation.

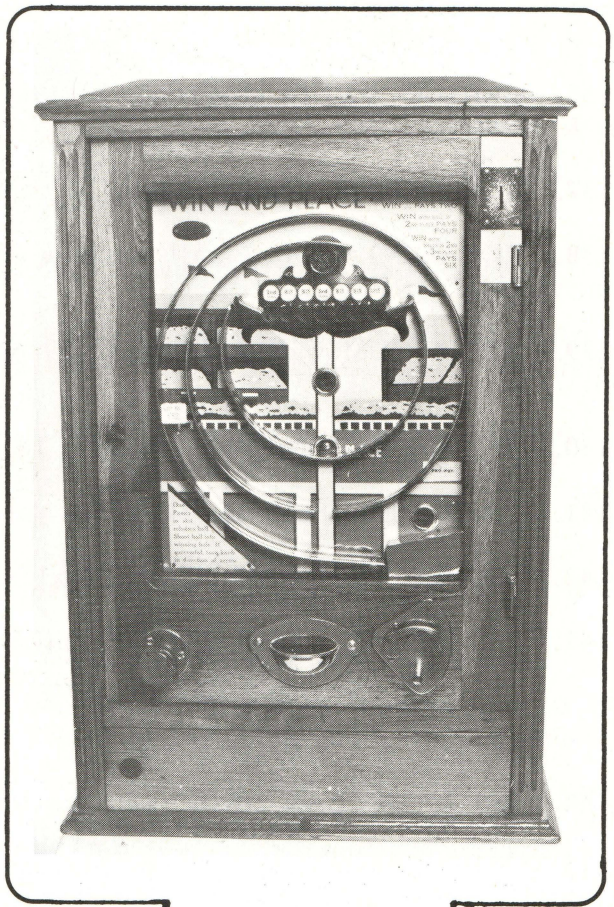
**LOT NO: 133.** THE FOUR HORSEMEN. Pinball, 1950 wooden railed, four flippers with American football theme. The vendor says made by Gottlieb, reference books say made by Genco.

**LOT NO: 134.** Mills STUDIO JUKEBOX 64x39x23. Ferris wheel record change mechanism, extensively restored with visible colour valves. Circa 1935. (For Mills see Lot 23).

**LOT NO: 135.** MOULIN ROUGE wall machine 26x18x9, 1p coin. A German roulette game.

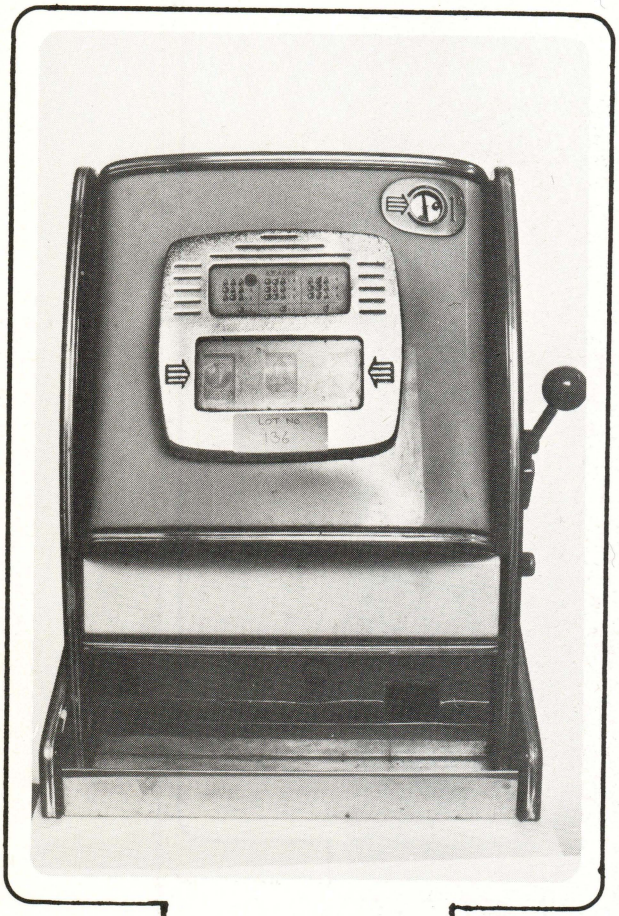
**LOT NO: 130.**

**LOT NO: 126.**



**LOT NO: 132.**

Notes



LOT NO: 136.

LOT NO: 141.

**LOT NO: 136.** GERMAN FRUIT MACHINE 24x19x14, 1d coin. Distributed by Ruffler & Walker.

**LOT NO: 137.** Bryan's BULLION 35x17x10, 1d coin. (See Lot 89).

**LOT NO: 138.** ROTAMINT LUXUS wall machine 28x20x8, 1 new pence coin. German, electric.

**LOT NO: 139.** WIN-A-GUM wall machine 32x19x6, 1d coin. Allwin variation (see Lot No: 7)

**LOT NO: 140.** ALLWIN wall machine 29x19x7, 1d coin.

**LOT NO: 141.** CASH TILL 18x18x16. Made by National, some restoration needed.

**LOT NO: 142.** MASTER FOOTBALL GAME 26x15x9, 6d coin. M.V.M. Co. 1957.

**LOT NO: 143.** 2 CHANTAL METEOR JUKEBOXES for restoration.

*Chantal were a Bristol firm who introduced this, the first and only, all British Jukebox in 1952. Designed by David Fry.*

**LOT NO: 144.** Jubilee DOLLAR DROP fruit machine 34x15x16, 1 new pence coin.

**LOT NO: 145.** WHIRLO gambling machine 23x16x9, 1d coin. Caillie Commercial. Early American mechanism re-cased by Oliver Whales (See Lot 7). Recent repro back door.

**LOT NO: 146.** SCREEN STARS one reel fruit machine 24x15x16, 1d coin. Conversion by Tom Boland (See Lot27) first done in 1944, to disguise a fruit machine. Needs restoration.

**LOT NO: 147.** Bryan's BULLION 33x17x 11, 1d coin. (See Lot 89).

**LOT NO: 148.** WURLITZER 600E juke-box 54x31x24, 5¢ coin. Manufactured 1938/1939 (See Lot 24).

**LOT NO: 149.** Mills POINTSETTIA fruit machine 25x17x17, 1d coin. First made in 1928 but with Firman of Nottingham double jackpot front conversion with gold award. Jackpot missing.

**LOT NO: 150.** BONUS wall machine 32x 19x6, 1d coin. Allwin variation made by Wonders (See Lot 6) with added feature: a ball in reserve gives multiple payout.

**LOT NO: 151.** NOVOMAT wall machine 30x20x9, 1d coin. German 1950's.

**LOT NO: 152.** TREASURE TROVE crane 72x25x27, 2 new pence coin. Made by New York's Mutoscope Company. A late example of this 'See it operate' type of crane with overhead motor and exposed cams. Circa 1950.

**LOT NO: 148.**

**LOT NO: 153.** JOCKEY SCALES 40x40x24. Probably made in 1930's in mahogany and oak, present owner vouches as to comfort of chair.

**LOT NO: 154.** DODGEM wall machine 32x18x7. Allwin by O.Whales (See Lot 7)

**LOT NO: 155.** GAMBLING MACHINE DISPENSING CIGARETTES 30x7x6, 6d or 1p coinages. Based on converted 1940's cigarette vending machine, partly restored.

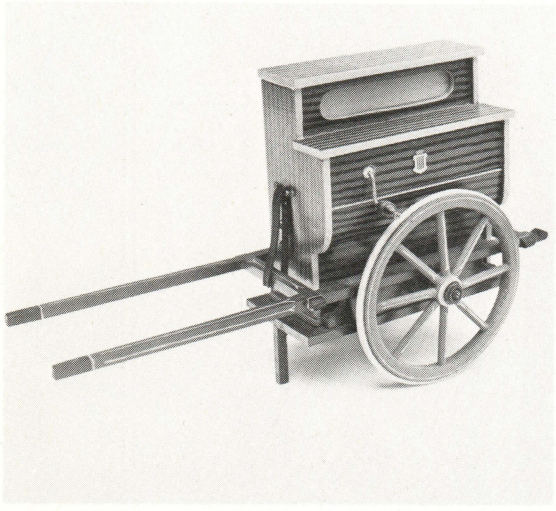
**LOT NO: 156.** SOCCER GAME two person competitive game 36x22x33x, 1d coin. Electro-mechanical, worked off 12 volt D.C. (battery or mains transformer) German, believed 1930's.

**LOT NO: 157.** CIRCLES wall machine 13x18x9, 1d coin. Old, possibly of French origin, payout is automatic with an air pump timer. Rare and restored.

**LOT NO: 158.** COUNTER TOP FRUIT MACHINE 14x15x14, 2 new pence coin. Believed 1950's. Pays out in various quantities of ball gum.

**LOT NO: 159.** THE GYPSY wall mounted fortune teller 32x23x6, 1d coin. Made 1908-1914 by Argyle Automatic Co. London. Below bevelled glass front depicting Edwardian Lady consulting gypsy, are six brass drawers which can be drawn out after inserting coin to deliver a card depicting 'Future husband', 'Future baby' etc. Cards included.

Notes



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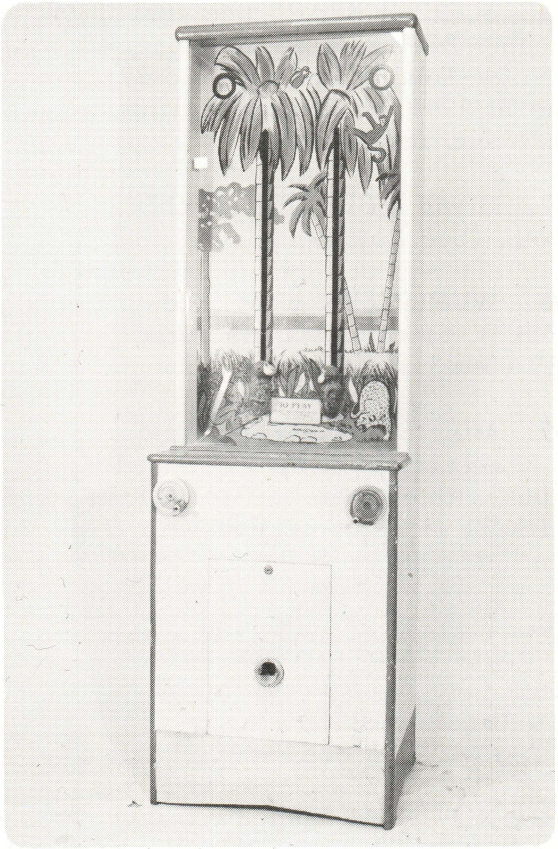


LOT NO: 189.

**LOT NO: 160.** MODEL BARREL ORGAN ON CART approx 12" long. Plays two tunes on swiss musical movement.

Lot numbers 161 to 185 AVAILABLE FOR ADDITIONAL ENTRIES.

**LOT NO: 186.** PLAY THE REDS wall machine 26x18x8, 1d coin. Allwin variation.

**LOT NO: 187.** ROTOMAT ADDITOR wall mounted gambling machine 29x19x9, 1 new pence coin. German, electric.

**LOT NO: 188.** WIN A CIG wall machine 30x18x8, 1d coin. Allwin variation paying out cigarettes.

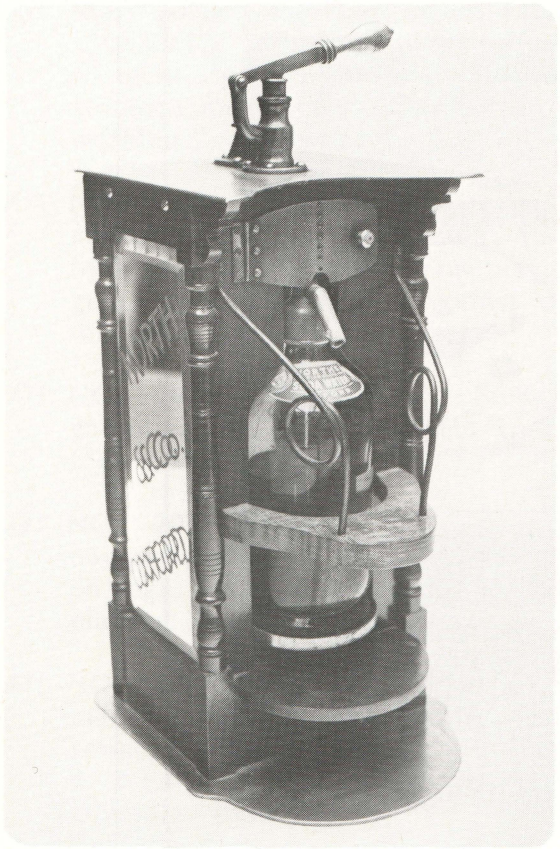
**LOT NO: 189.** CLIMBING MONKEYS two player competitive game 84x26x18, 1d coin. Two players race monkeys up a tree. Made by R. Wright of Bridlington based on a machine invented by Essex Engineering.

**LOT NO: 190.** K.B. DISCOMATIC jukebox 10x22x18, 80 selection jukebox for home use circa 1959-62.

**LOT NO: 191.** MOULIN ROUGE wall mounted gambling machine 26x18x9, 1d coin. Made by Bergman of Germany.

**LOT NO: 192.** AUTOMATIC SODA SYPHON 20x8x10, 1d coin. As used in public houses, this is the only known surviving example. Made of dark wood, brass and bevelled monogrammed mirrors by North & Co. (Oxford) circa 1900.

Notes



LOT NO: 192.

LOT NO: 197.

**LOT NO: 193.** GLORIA disc musical box approx 12" square three discs. Mother of pearl inlay on lid.

*While most musical boxes were made in Germany, this very rare type was Swiss. Made in Geneva by a consortium of three makers: Billon, Ami Revenc and Langdorff Fils, formed in 1896 and disbanded in 1905.*

**LOT NO: 194.** SEEBURG ENVOY jukebox 55x34x22, 25¢, 10¢, 5¢, and 5 new pence coinage. 20 record selector. Completely restored. Made in 1940.

*Justus P. Seeburg, a Swedish immigrant, opened the J.P. Seeburg Piano Company in Chicago in 1907, soon becoming the largest manufacturer of coin-operated pianos. In 1927 he produced his first coin-operated phonograph and has been a leading producer of jukeboxes ever since*

**LOT NO: 195.** Williams DE-ICER pinball. 5 kick out holes, 2 flippers. Made in 1949.

*Williams are a Chicago firm, specialising in pinballs, founded by Harry Williams in 1946. The company has changed hands many times since.*

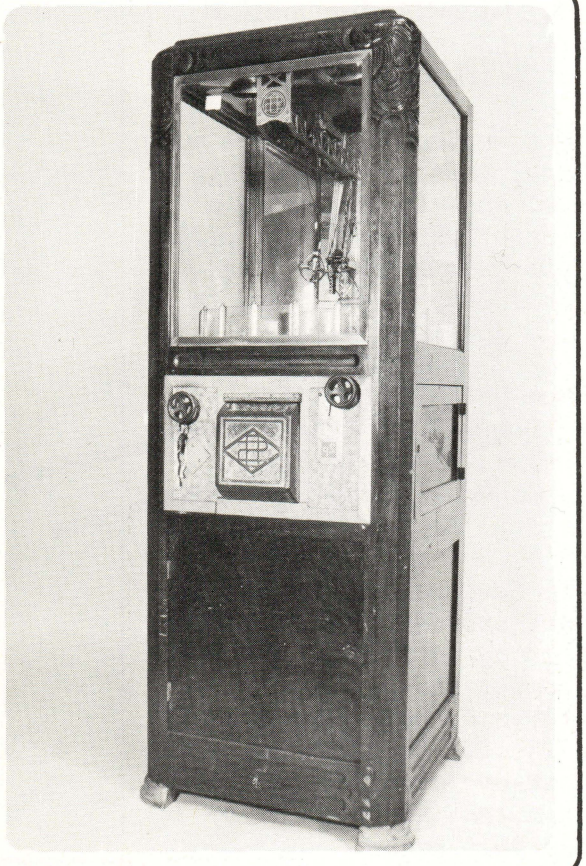
**LOT NO: 196.** Bryan's CLOCK gambling machine 20x20x12, 1d coin. (See Lot No:12).

**LOT NO: 197.** BRECKNELL DOLMAN AND ROGERS gambling machine 19x15x15, on stand 31" high. (for B.D.R. see Lot No:16)

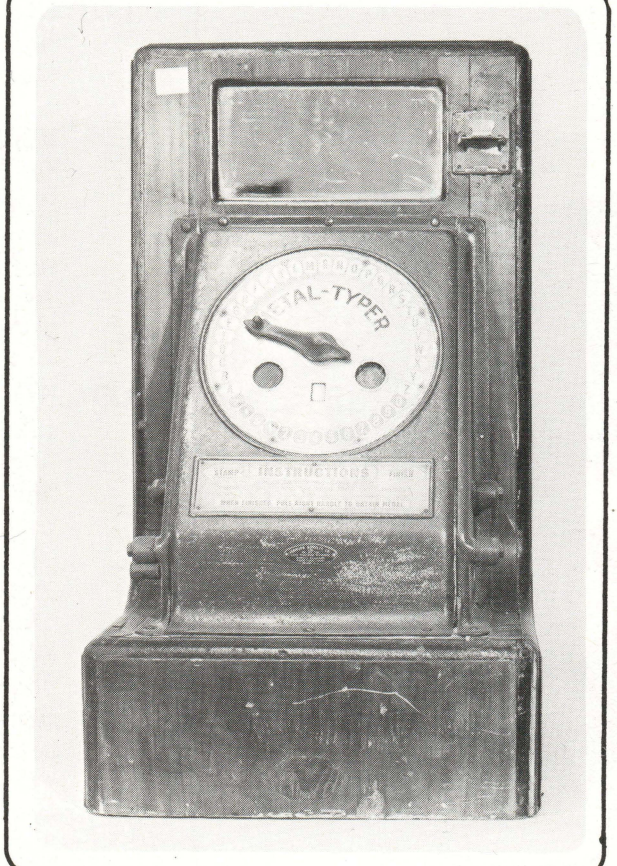
**LOT NO: 198.** Ditchburn MUSIC MAKER jukebox. British made (in Lancashire) circa 1961, 200 selection. 49x36x28.

**LOT NO: 199.** FRENCH CRANE 72x25x 27, 2 new pence coin. Made in France by Bonzini and Sopransi circa 1936. A particularly well-made crane with a circular tray which revolves under the player's control, the grab being suspended from a chromed car on the gantry.

Notes



LOT NO: 199.




LOT NO: 200.

LOT NO: 201.

LOT NO: 203.

Notes

**LOT NO: 200.** Groetchen STAMPER 30x20x12, 1d coin. Move pointer to letter, pull handle and letter is stamped onto a metal disc. Not working.

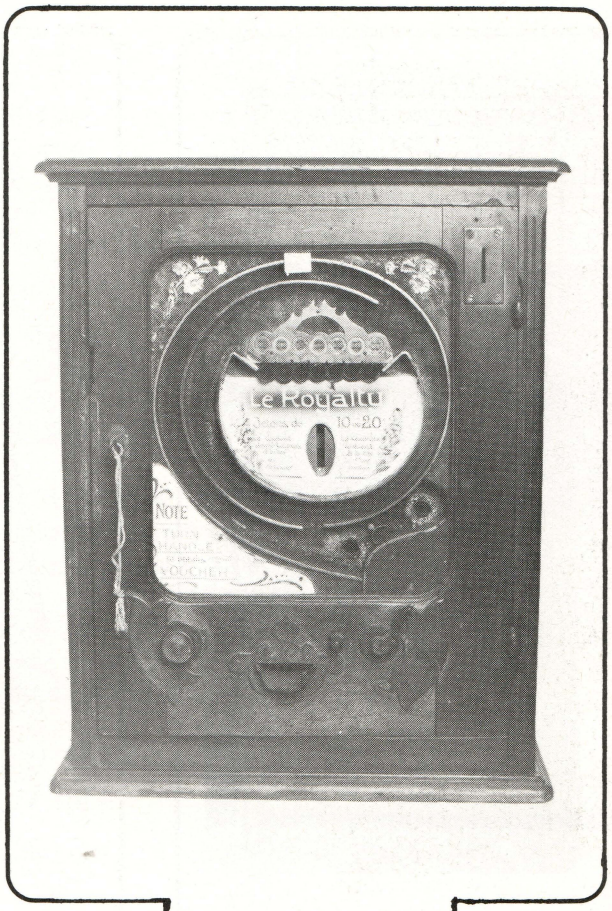
**LOT NO: 201.** TWENTY-ONE trade stimulator 12x14x10, 1d coin. Made by Groetchen 1936-39. You play a game of 21 or Pontoon against the machine. Good play value.

**LOT NO: 202.** Bryan's FRUIT BOWL gambling machine 32x18x10, 1p coin. (See Lot 11)

**LOT NO: 203.** ICE HOCKEY a two person competitive game 37x22x41, 1d coin, on legs. There are six ice hockey players. Possibly German 1950's.

**LOT NO: 204.** TREBLE CHANCE wall machine 32x19x7, 1d coin. Three rows of three winning cups with 1, 2 or 3 coin payouts. Made by O.Whales (See Lot 7)

**LOT NO: 205.** WIN A CHOC wall machine 30x18x7, 1d coin. Allwin variation paying out bars of choc.




**LOT NO: 207.**

**LOT NO: 206.** ALLWIN SUPREME wall machine 27x18x7, 1d coin.

**LOT NO: 207.** LE ROYALTY wall machine 24x19x8, 1d coin. French Allwin with token payout.

**LOT NO: 208.** WIN A CIG wall machine 30x18x7, 1d coin. Allwin variation with cigarette payout.

**LOT NO: 209.** AMI WQ 200 SELECTOR WALL BOX 24x12x12. A remote control for a jukebox, often used in U.S. diners in the 50's.

**LOT NO: 210.** VIEWER 50x19x25, 1d coin. Floor standing, with internal belt of Pin up, glass slides moved by a capstan through a vintage projector with a mirror to angle projected image onto a screen in base of machine. Circa 1930.

**LOT NO: 211.** TELEMATIC MUSIC MAKER 200 jukebox 60x48x30, 3d,6d,&5p coins. German made approx. 1956. Colour changing light panel, complete with extra stylus, 2 speakers, 100 45rpm records, instruction manual, wiring diagram and spare relay box.

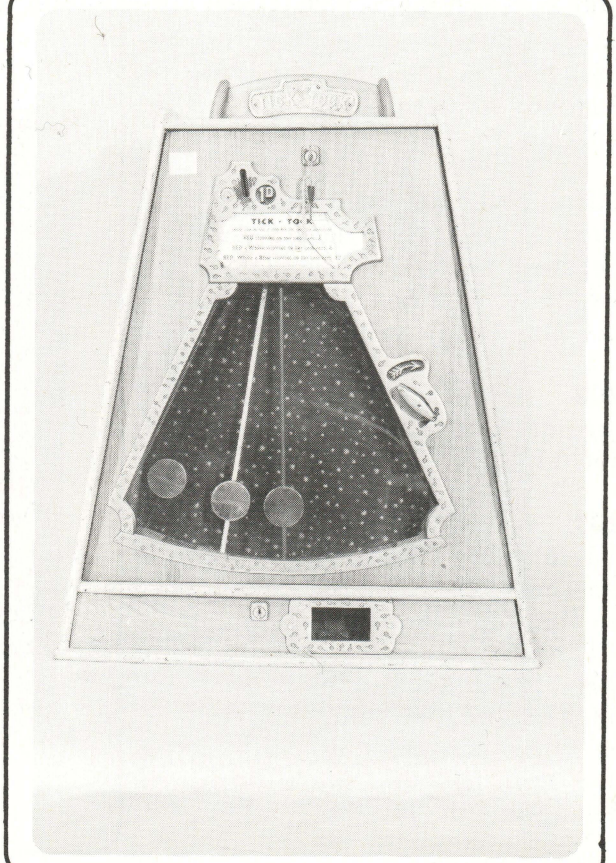
**LOT NO: 212.** CIRCLE SKILL wall machine 26x19x8, 1d coin. Made by Jentsch and Meerz (see Lot 20). Needs complete restoration.

**LOT NO: 213.** SPECIAL PRIZE Mills one-armed-bandit with English conversion case, circa 1950's.

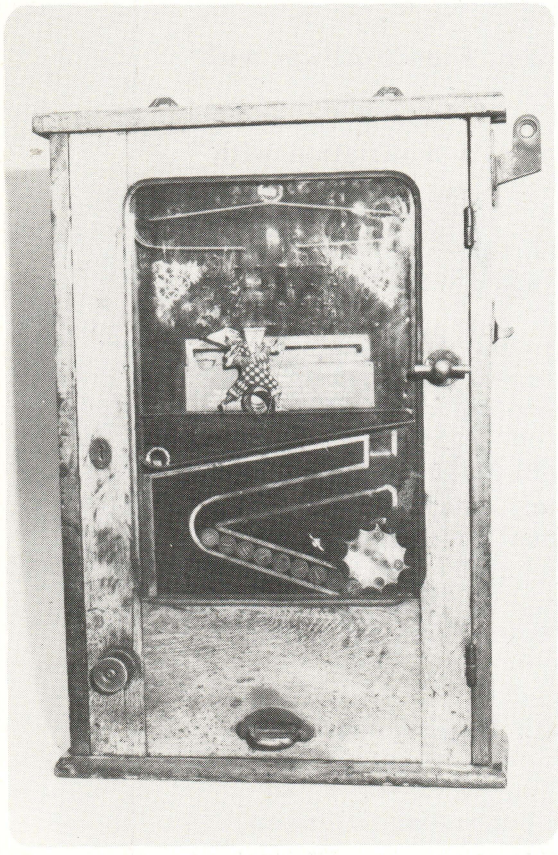
**LOT NO: 214.** BINGOLETT wall machine 29x19x8, 1 new pence coin. German, electric.

Notes

LOT NO: 211.




LOT NO: 241.



LOT NO: 242.

Lot numbers 215 to 240 AVAILABLE FOR ADDITIONAL ENTRIES.

**LOT NO: 241.** Bryan's TICK TOCK gambling machine 31x25x11, 1d coin. First made 1962 (for Bryan's see Lot No: 11)

**LOT NO: 242.** CLOWN wall machine 27x 19x7, token play original 'KATGIT' made by Jentsch & Meerz (see Lot 20)

**LOT NO: 243.** CHALLENGER gambling machine 35x24x9, 1d coin. See Lot 78. Cash door missing.

**LOT NO: 244.** Mills EXTRAORDINARY fruit machine, 1 new pence coin. Made 1933 - 1941 for Mills. See Lot No: 23. Jackpot missing.

**LOT NO: 245.** HAUNTED HOUSE working model 69x22x19, 2p coin. Made 1945 by Fred Bolland in a former crane case. Good, detailed animation of a very popular subject.

**LOT NO: 246.** BOOKMATCH vending machine, 25x4x5x, 1d. circa 1935.

Notes

**LOT NO: 247.** K.B. DISCOMATIC jukebox 36x30x30. See Lot 190.

**LOT NO: 248.** COLLEGE DAZE pinball by Gottlieb, (see Lot 92) made in 1949 with wooden side rails (prior to the introduction of metal rails in the late 50's) American Football theme depicted on the backflash.

**LOT NO: 249.** Seeburg SYMPHONOLA jukebox 55x34x22. Model 148 ML,20. 78 rpm record selector (See Lot 194).

**LOT NO: 250.** OLWIN wall machine 32x18x7, 1d coin. As the name suggests, made by Oliver Whales (see Lot 7). Nine cups in which to catch the ball.

**LOT NO: 251.** HAVE A GO wall machine 32x18x7, 1d coin. Allwin variation.

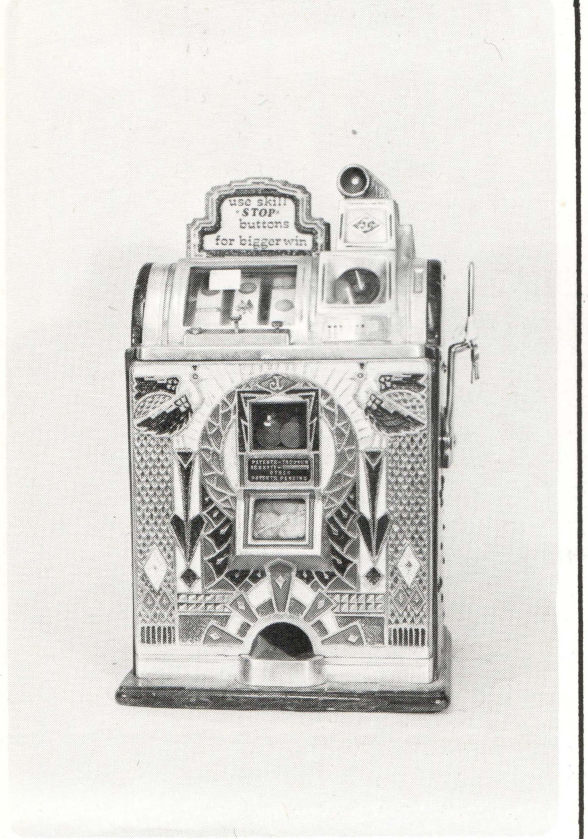
**LOT NO: 252.** Jennings VICTORIA SILENT or PEACOCK fruit machine 24x16x15, 1d coin. Made 1932-1934. It was meant to copy the new silent action of the Mills Silent, but with much less success. (For Jennings see Lot 129).

**LOT NO: 253.** Bussoz ROULETTE wall mounted gambling machine 28x18x7, takes 5 new pence coin. Typical French gambling machine of 1920's/1930's. Pierre Bussoz of Paris was the leading French manufacturer.

**LOT NO: 254.** Sega VEST POCKET (Mini Sega) fruit machine 8x8x11, 6d coin. See Lot 10.

**LOT NO: 255.** ROTARY MERCHANDISER 55x30x30, 1d coin. Made circa 1935 by Exhibit Supply Co. Chicago.

**LOT NO: 256.** BOMB DROPPER wall machine 40x19x7, 1d coin. Classic machine originally made with four cannons by Handan Ni.

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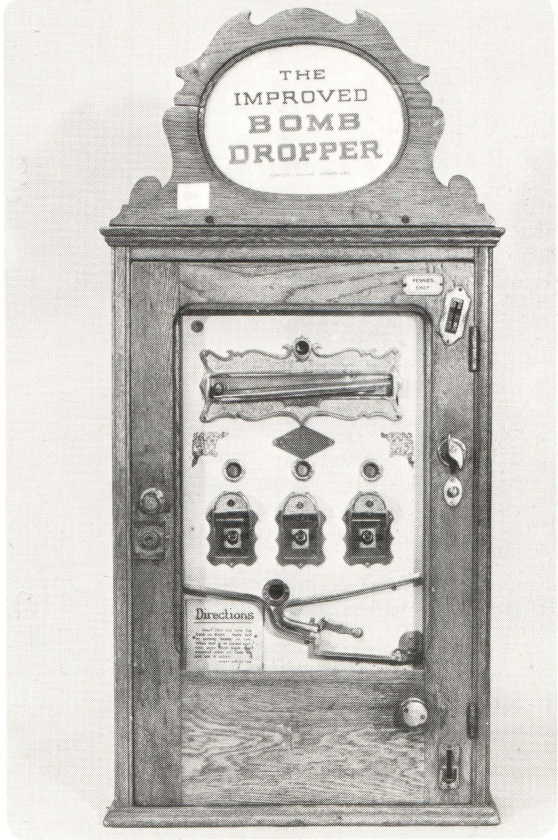



LOT NO: 256.

Notes

*(History note to Lot 256) After the Company was taken over, a mechanic who used to assemble the machines (and knew where the parts came from) started to make a three cannon version in about 1925, selling them through Burrows Auto Co. If balls are dropped into the handsome cannons, then the coin is returned.*

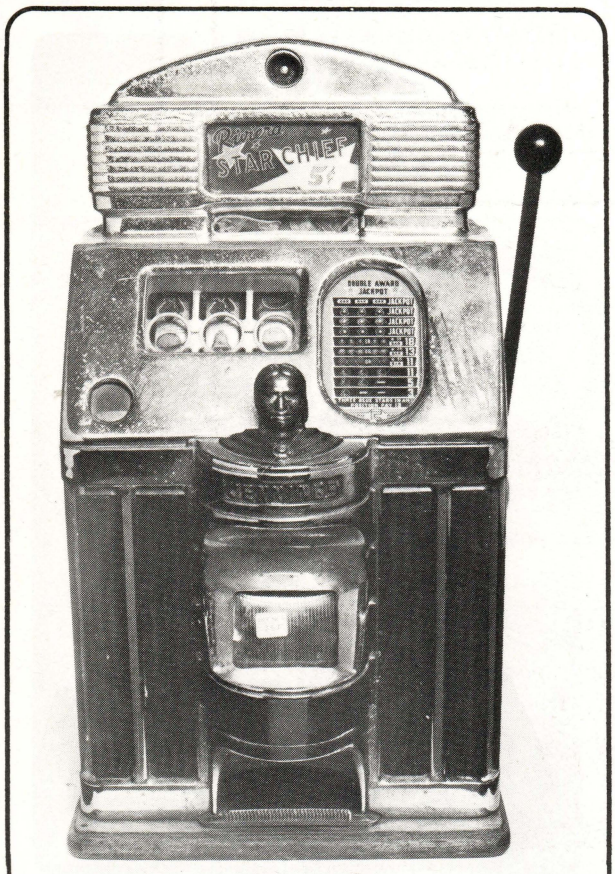
**LOT NO: 257.** Jennings RIVIERA STAR CHIEF fruit machine 27x15x18, 1 new pence coin.

*Jennings Chief became a trade mark in 1935, and models proliforated. (For Jennings see Lot 129).*

**LOT NO: 258.** LE PENGUOIN (The Penguin) wall mounted gambling machine 27x18x 8, 25c coin. Made by Bussoz of France, found in original packing case - un-used complete with original payout tokens.

**LOT NO: 259.** Mills EXTRAORDINARY fruit machine 60x19x15, 6d coin. Club model introduced in 1938. (for Mills see Lot 23).

**LOT NO: 260.** WURLITZER 800 jukebox 61x37x28. Made 1940 with colour illuminated paliasters and bubble tubes, extensively restored. (For Wurlitzer see Lot 24).

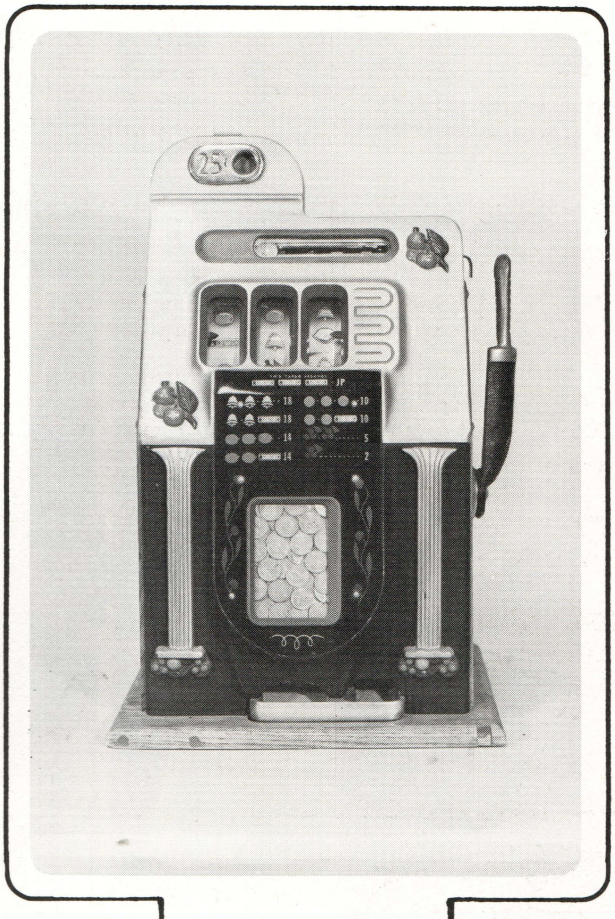



LOT NO: 257.

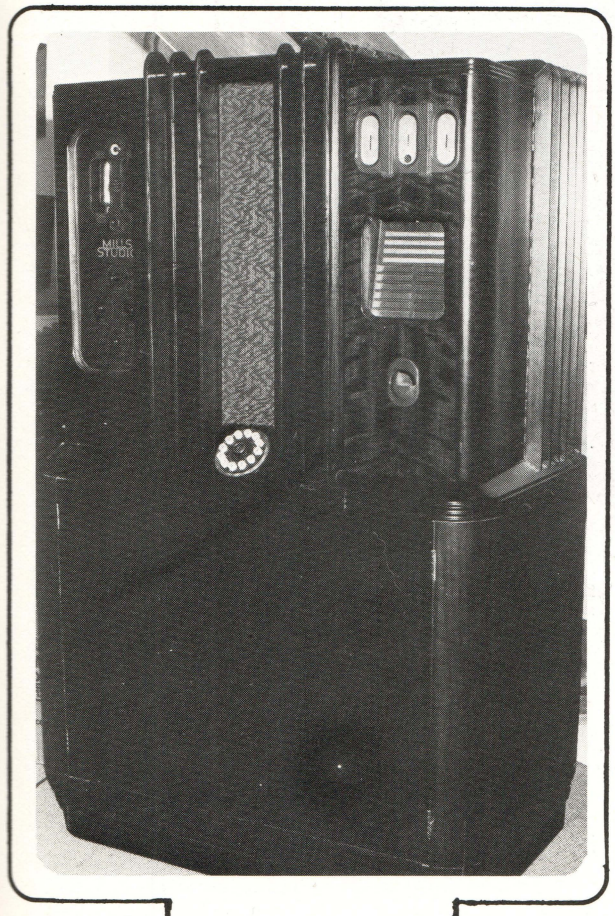
LOT NO: 259.

Notes

LOT NO: 91.




LOT NO: 95.

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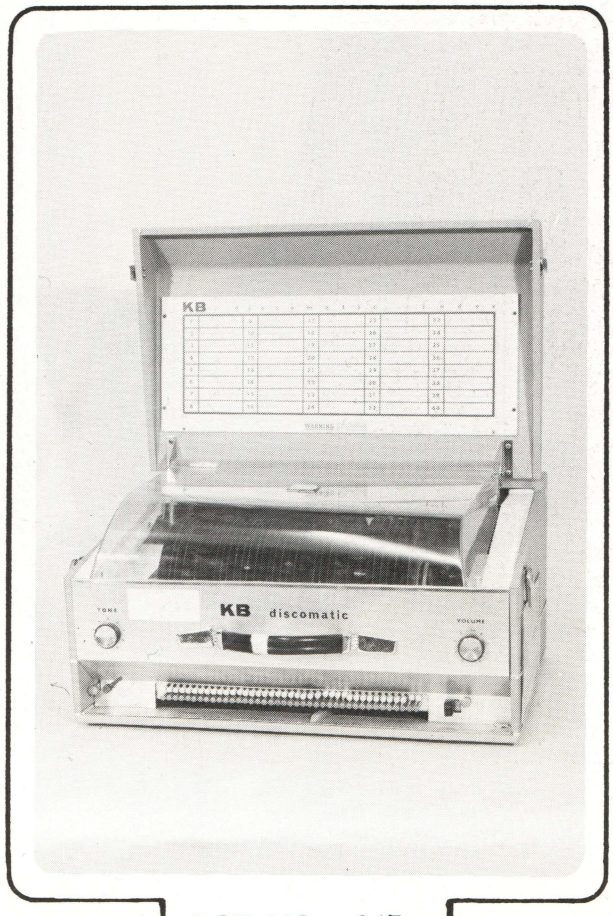
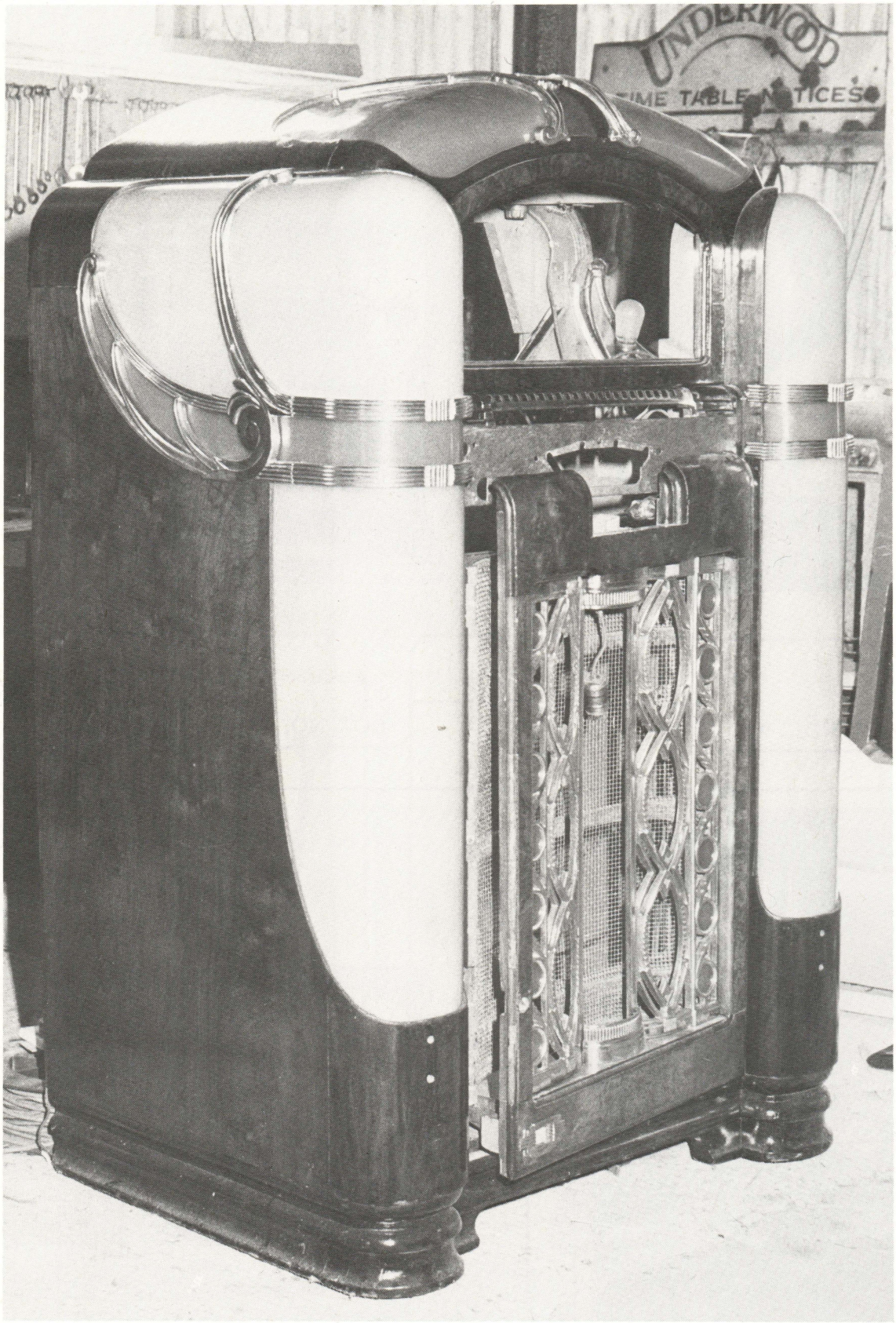



LOT NO: 247.

Notes




LOT NO: 260.

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STAMP YOUR NAME IN METAL...1929

SCORE ON FULLTEAM FOOTBALL.....1925

TREAT YOURSELF TO AN ELECTRIC SHOCK..1908

GAMBLE ON AL CAPONE'S POINSETTA.....1926

HEAR A BARREL PIANO....1900

SHOOT CHAMP'S PINBALL..1936

PLAY A COWBOY CAILLE...1920

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(moved from the Palace Pier)


**ARCADIA 85** has been organised by a committee formed from the membership of the Pinball Owners Association (Incorporating the Penny Slot Preservation Society).


The committee gratefully acknowledge the assistance of Hilary Kay, of Sotheby's, and that of David Snook, of World's Fair/Coin Slot.

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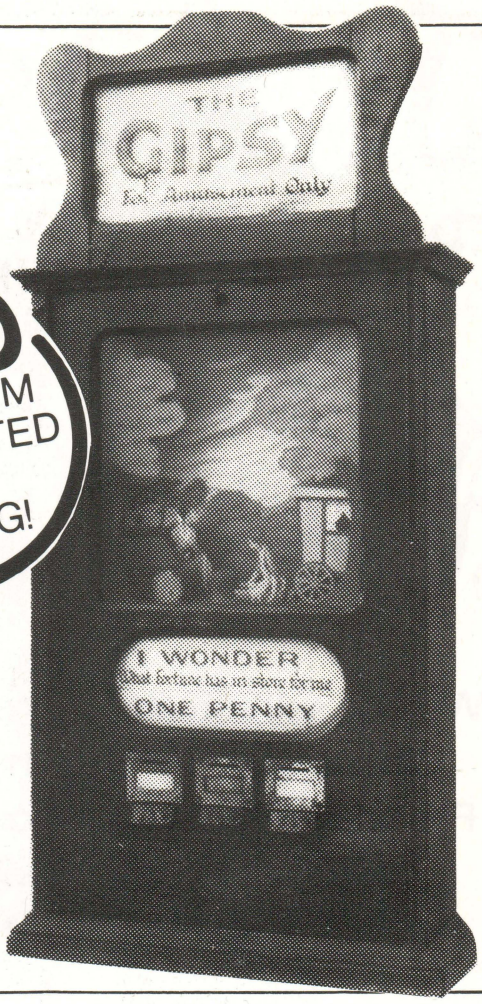


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